

The Weekly Petroleum Status Report (WPSR) provides timely information on the petroleum supply situation in the context of historical information, selected prices, and forecasts. The WPSR is intended to provide up-to-date information to the industry, the press, planners, policymakers, consumers, analysts, and State and local governments. It is published each Thursday by the Energy Information Administration. The data contained in this report are based on company submissions for the week ending 7 a.m. the preceding Friday.

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If a week contains a Monday, Tuesday or Wednesday holiday, both DATALINE and publication schedules will be delayed one day.

Remember the DATALINE number: 202/252-6342.

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This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or necessarily reflecting any policy position of the Department of Energy or any other organization.

Brations

puts to refineries averaged 12.5 million barrels per day for the four-weeks ending July 29, ery capacity utilization averaged 75.5 percent during the period. During the four-weeks ending :3, motor gasoline production averaged 6.8 million barrels a day, and distillate fuel oil product 2.6 million barrels a day.

1 983, stocks of crude oil (excluding the Strategic Petroleum Reserve) stood at 348.5 million :ks of product stood as follows: total motor gasofine at 228.8 million barrels; distillate fuel oil ton barrels; and residual fuel oil at 48.6 million barrels.

of crude oil (including imports for the Strategic Petroleum Reserve) and petroleum products aged 4.9 million barrels a day for the four-weeks ending July 29, 1983, about 5 percent below year ago. Gross imports of crude oil (excluding the Strategic Petroleum Reserve) averaged 3.8 is a day for the four-week period ending July 29, 1983,

plied

um products supplied averaged 14.6 million barrels a day for the four-week period ending 3, which is about 1 percent below the rate supplied a year ago. Motor gasoline was supplied .7 million barrels a day, which is about 1 percent below the rate supplied a year ago. Distillate upplied at a rate of 2.2 million barrels a day, about 9 percent above the rate supplied a year

Oil Price

irice of Mexican Heavy Maya crude was increased \$1.00 to \$24.00 a barrel, effective August 1,

the change noted above and updated weighting factors used in the crude oil price calculation, average international price of crude oil as of August 2, 1983 is estimated to be \$28,68 a

Product Price

ending July 29, 1983, the average spot market price of 98 octane gasoline on the Rotterdam ised 23 cents to \$36.05 a barrel; the gasoil price decreased 14 cents to \$33.04 a barrel, and the Jal fuel oil decreased 8 cents to \$28.15 a barrel. On the New York market, the average spot stane regular gasoline decreased 10 cents to \$36.52 a barrel; the price of No. 2 heating oil ints to \$34.34 a barrel, and the residual fuel oil price remained unchanged at \$28.75 a barrel.

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	Four-Week Av For Period		Donossa	Daily	lative Averages	
	07/29/83	07/29/82	Percent Change	t 209 1983	Days 1982	Percent Change
Crude Oil Supply 1	FO 647	0.050			-	
1) Domestic Production 1 2) Net Imports (Including SPR) 2	E8,647 3,914	8,658 4,018	-0.1	E8,666	8,635	0.4
Domestic Production	3,794	4,150	-2.6 -8.6	2,870 2,818	3,162	-9.2 -12.9
4) SPR Imports	304	97		229	3,234 160	-12.9
5) Exports	E184	229	-19.7	E176	232	-23.9
6) SPR Stocks Withdrawn (+) or Added (-)	-279 254	-97 -50		-221	-175	
7) Ather Stocks Withdrawn (+) or Added (-) B) Products Supplied and Losses	E-67	-63	~~	7	86	
g) Unaccounted-for Crude	76	-20		E-67 258	-66 103	***
in) Crude Oil Input to Refineries	12,544	12,446	0.8	11,513	11,745	-2.0
					,,,,,	
Other Supply 11) NGL Production	E1,493	1,513	-1.4	E1,543	1 540	
12) Other Hydrocarbon Input and Alcohol Input	E53	58	-8.6	E49	1,543 49	0.0 0.1
13) Crude Oil Product Supplied	E66	60	9.2	E65	62	4.8
4) Processing Gain	596	540	10.3	503	512	-1.8
15) Net Product Imports 4 16) Gross Product Imports 4	982	1,130	-13.1	870	1,040	-16.3
16) Gross Product Imports (17) Product Exports	1,627 E645	1,642 512	-0.9	1,541	1,602	-3.8
(8) Product Stocks Withdrawn (+) or Added (-) ⁵	-1,096	-926	25.9	E671 362	562 535	19.5
9) Total Product Supplied for Domestic Use	14,637	14,821	-1.2	14,907	15,487	-3.7
Products Supplied						
20) Motor Gasoline	6,741	6,790	-0.7	6,517	6,541	-0.4
1) Naphtha-type Jet Fuel	213	221	-3.7	212	210	1.0
1) Maphtha-type Jet Fuel 22) Kerosene-type Jet Fuel 23) Distillate Fuel Oil	859	780	10.1	812	799	1.5
23) Distillate Fuel Oil ³	2,234	2,058	8.6	2,628	2,785	-5.6
24) Residual Fuel 011 ³ 25) Other 011s ⁵	1,238 3,351	1,550 3,422	-20.1	1,426	1,851	-23.0
		عمدون	-2.1	3,312	3,301	0.3
26) Total Products Supplied	14,637	14,821	-1.2	14,907	15,487	-3.7
etroleum Stocks					Percent C	nange from
(Illions of Barrels)	07/29/83	07/	22/83	07/29/82	Previous Weel	C Year Ag
Crude 011 (Excluding.SPR)7	348.5	,	345.9	345.5	0.8	NM
Total Motor Gasoline,	228.8	1	223.9	225.1	2.2	NM.
Finished Hotor Gasoline Blending Components	190.8		186.1	182.1	2.5	, NM
Maphtha-type Jet Fuel	38.0 6.6		37.8	43.0	0.6	MM
Kerosene-type Jet Fuel	34.3		6.1 34.8	6.3 33.5	7.2	MM
Distillate Fuel Oil	129.2		125.0	145.8	-1.5 3.4	MM MM
Residual Fuel 011	48.6		49.2	59.1	-1.0	KM
Infinished Oils Other Oils	107.1		106.1	117.8	0.9	-9.1
	E187.8	E	186.2	190.2	0.8	NM
Total Stocks (Excluding SPR)	1,091.0	1.	077.3	1,123.4	1.3	2162
Crude OII in SPR	340.0		337.9	266.9	0.6	NM 27.4
Total Stocks (Including SPR)	1,430.9		415.2	1,390.2	1.1	6/44

NM-Not meaningful because of different stock basis. See Appendix D.

E=Estimates based on monthly data. 1 Includes lease condensate.

lincludes lease condensate.

2 Net Imports = Gross Imports (line 3) + SPR Imports (line 4) - Exports (line 5).

3 In 1983 crude oil burned as fuel is treated as a product and a new category, crude oil product supplied, has been created. In prior years crude oil burned as fuel was treated as a transfer of crude oil to residual and distillate fuel oil product categories and was an element of the product supplied calculations of those products. Product supplied series for distillate and residual fuel oils for 1982, shown in the second and fifth columns of the U.S. Petroleum Balance Sheet have been recalculated without these transfers. Sed Appendix D. Among the product supplied categories of the balance, crude oil product supplied is included in other oils product supplied.

4 Includes unfinished oils and natural gas plant liquids for processing.

5 Includes an estimate of minor product stock change based on monthly data.

6 Other oils product supplied reflects crude oil product supplied and the reduction for reclassified products.

7 Includes crude oil in transit to refineries.

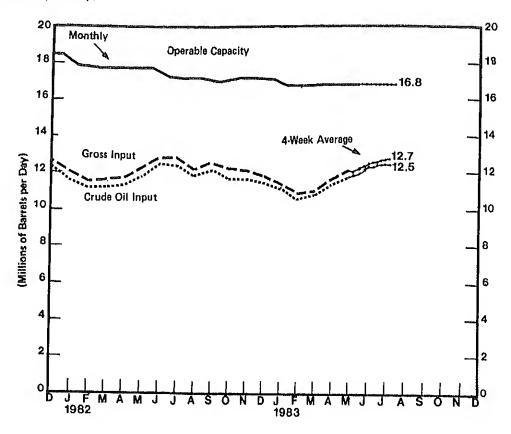
8 Included are stocks of all other oils such as aviation gasoline, natural gas liquids (including ethane), kerosene,petrochemical feedstocks, special naphthas, lube oils, wax, coke, asphalt, road oil, and miscellaneous Note: Due to independent rounding, individual product detail may not add to total.

SOURCES:

• 1981-1982: EIA, "Petroleum Supply Annual."

⁽CC): 1981-1982: EIA, "Petroleum Supply Annual." 1983 Monthly Data: EIA, "Petroleum Supply Monthly." 1983 Four-Week Averages: Estimates based on EIA weekly data.

Refinery Inputs and Utilization (Millions of Barrels per Day)



Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dac
1981			····				· · · · · · · · · · · · · · · · · · ·					
Crude Oil Input	13.2	12.9	12.4	12.1	12.3	12.4	10.0	10.0	40 =	40.4	10.0	40.0
Gross Inputs	13.5	13.2	12.6	12.3	12.6	12.4	12.3	12.9	12.5	12.1	12.2	12.3
Operable Capacity	18.6	18.7	18.7	18.7	18.7		12.6	13.2	12.7	12.4	12.6	12.7
Percentage Utilization	72.5	70.8	67.7	65.7	67.2	18.7 68.1	18.7 67.4	18.7 70.6	18.6 68.4	18.4 67.0	18.4 68.2	18.4 69.2
1982				•								
Crude Oil Input	11.6	11.2	11.3	11.4	11.8	40 F	40.4	44.0	40.4	44 =	44.7	44.5
Gross Inputs	12.0	11.6	11.7	11.8	12.2	12.5	12.4	11.9	12.1	11.7	11.7	11.5
Operable Capacity	17.9	17.8	17.8	17.8		12.9	12.9	12.2	12.6	12.2	12.1	11.9
Percentage Utilization ¹	67.0	65.1	65.5	66.2	17.8 68.8	17.3 74.9	17.2 74.9	17.2 71.0	17.0 73.9	17.2 70.6	17.2 70.6	17.1 69.7
1983												
Crude Oil Input	11.1	10.6	10.9	11.4	11.8							
Gross Inputs	11.4	11.0	11.1	11.7	12.1							
Operable Capacity	16.8	16.8	16.8	16.8	16.8							
Percentage Utilization1	67.9	65.4	66.0	69.3	71.6							
Average for Four-Week Pe	riod Endi	na:										
1983	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29			
Crude Oil Input	11.9	12,0	12.2	12.3	12.3	10.4	40.4	40.0		· · · · · · · · · · · · · · · · · · ·		
Gross Inputs	12.0	12.1	12.3	12.4	-12.5	12.4	12.4	12.5	12.5			
Operable Capacity	E16.8	E16.8	E16.8	E16.8		12.5	12.6	12.6	12.7			
Percentage Utilization1	71.5	72.1	73.0	73.8	E16.8	E16.8	E16.8	E16.8	E16.8			
•		, 411	, 5.0	, 5.0	74.0	74.5	74.8	75.0	75.5			

E-Estimate based on most recent monthly data.

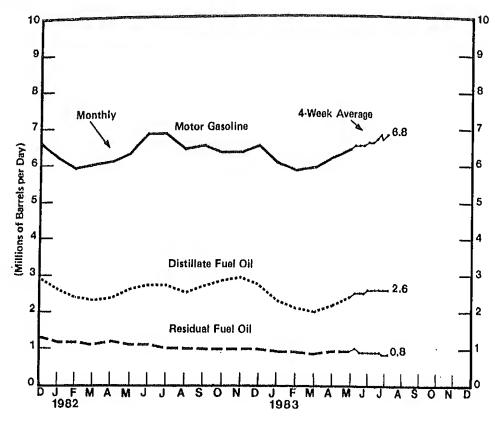
1 Percentage utilization is calculated as gross inputs divided by operable capacity. See glossary. Percentages are calculated using unrounded numbers.

Source:

Monthly Data: 1981–1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

Four-Week Averages: Estimates based on EIA weekly data.

U.S. Refinery Production by Product (Millions of Barrels per Day)



Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981						······································	····					
Motor Gasoline	6.7	6.3	6.2	6.1	6.1	6.2	6.4	6.6	6.6	6.4	6.6	6.6
Jet Fuel	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.9
Distillate Fuel Oil	3.0	2.8	2.5	2.4	2.5	2.5	2,4	2.7	2.6	2.5	2.7	2.9
Residual Fuel Oil	1.6	1.6	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.3
1982												
Motor Gasoline	6.2	5.9	6.0	6.1	6.3	6.8	6.8	6.4	6.5	6.3	6.3	6.5
Jet Fuel	0.9	1.0	1.1	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9
Distillate Fuel Oil	2.6	2.4	2.3	2.4	2.6	2.7	2.7	2.5	2.7	2.8	2.9	2.7
Residual Fuel Oil	1.2	1.2	1.1	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
1983												
Motor Gasoline	6.0	5.8	5.9	6.2	6.4							
Jet Fuel	1.0	1.0	1.0	1.0	1.0							
Distillate Fuel Oil	2.3	2.1	2.0	2.2	2.4							
Recidual Fuel Oil	0.9	0.9	0.8	0.9	0.9							
Average for Four-W	lack Par	iod Endir										
1983	6/3	6/10	6/17	6/24	7/1	7/8						
Motor Gasoline	6.5	6.5	6.5	6.6	6.6	6.7	-					
Jet Fuel	1.0	1.0	1,0	1.0								
Distillate Fuel OII	2.5	2.5	2.5		1.0	1.0						
Residual Fuel Oil	1.0	0.9	0.9	2.6 0.9	2.6	2.6						
		U,U	0.8	O'9	0.9	0.9						

Note: Production statistics represent net production (i.e., refinery output minus refinery input).

Source: • Monthly Data: 1981—1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

• Four-Week Averages: Estimates based on EIA weekly data.

Stocks of Crude Oil and Petroleum Products, U.S. Totals (Millions of Barrels)

Year/Product	Jan	Feb	Маг	Apr	May	Jun	Jul	Aug	Sep	Oct	No
1981											
Crude Oil ²	374.0	378.2	393,0	397.5	393,7	384.7	385,9	362.0	200.0	7040	0.00
Motor Gasoline	276,1	284.0	285.0	272.1	258.3	241.6	227.7	233,3	356.0	364.0	366.
Finished Gasoline	226.3	229.6	232.1	223.2	212.6	194.0	186,7	188.6	237.1	236.1	248.
Blanding Components	49.8	64.4	52.9	48.9	45.7	47.6	42.0		190.7	190.5	200,
Jet Fuel	39.5	38.6	39.0	40.4	44.5	44.9	44.8	44.7 44.7	46.4	45.6	47.
Distillate Fuel Oil	179.4	172,5	164.3	164.6	171.8	179,9	186,3	200.2	43.1	42.7	42
Residual Fuel Oil	82.1	77,9	74.8	72.9	78.1	69.4	69.3	74.9	207.3	201.2	200
Unfinished Oils	121.5	122.3	126.2	126.5	126.3	126.1	126.1	124.5	80.2	79.9	81
Other Oils	202.7	199.1	198.1	206,5	208,5	220,5	225.4	232,8	118.4	119.5	116
Total Stocks (Excl. \$PR)	1,275.3	1,272.5	1,280.3	1,280.5	1,288.3	1,267,1	1,265.4	1,272.5	234.6	226.7	224
Crude Oil in SPR	112.5	116.1	120.9	134.2	150.1	163,1	173.1	184,7	1,276.7	1,270.0	1,278
Total Stocks (Incl. SPR)	1,387.8	1,388.5	1,401.2	1,414.8	1,438.3	1,430.2	1,438.5	1,457.2	199.2 1,476.0	214.8 1,484.8	222 1,501
1982-										.,	,,
Crude Oll ²	371.0	371.8	360.7	354.8	240 6	2444	045.7	050.0			
Motor Gasoline	260,8	256.6	246.5		348,5	344.1	345.7	352.9	340.7	351.0	357
Finished Gasofine	213.2	.208.4	198.1	221.3 178.6	213.9	218.5	225,9	226.9	233.6	234.4	230
Blending Components	47.6	R48.3	48.5		173.1	177.1	182.7	185.2	191.1	192.4	189
Jet Fuel	36.9	R36.9		42.7	40.8	41.4	43.2	41.8	42.5	42.0	40.
Distillate Fuel Oil	164.4	147.4	42.5	44.1	41.7	39,9	39.8	40.7	39.6	40.9	40.
Residual Fuel Oil	68.7	68.5	126.3	108.0	113.6	123.7	148.1	158.7	161,2	170.1	185
Unfinished Oils	115.9	116.5	58.1	63.6	59.0	60.7	68,9	52.6	61.8	63.6	66.
Other Oils	203.0	199.1	115,9	119.1	118,2	118.0	117.8	116.8	117.8	113.3	111.
Total Stocks (Excl. SPR)	1,220,6		193.3	189.2	190.8	191.1	190.1	186.4	181.3	174.6	173.
Crude Oll in SPR	235.3	1,186.9	1,143.4	1,090.0	1,085,7	1,096.0	1,126,3	1,134.9	1,136.1	1,147.8	1,165.
Total Stocks (Incl. SPR)	1,455,9	241.2	248,5	255.5	261,0	264.1	267.2	273.6	277.9	284.6	290,
	1,400,0	1,428.2	1,391.9	1,345.6	1,346.7	1,360.2	1,393.5	1,408.5	1,414.0	1,432.4	1,455.
19833	•										
Crude Oil ²	360.9	366.0	358.6	365.8	354.6						
Motor Gasoline	250.9	251.1	224.0	220.8	224.6						
Finished Gasoline	208.3	207.4	183.7	182.9	186.8						
Blanding Components	42.6	43.8	40.3	37.9	37.8						
Jet Fuel	41.7	40.5	42.2	40.3	41.3						
Distillate Fuel Oil	168.2	147.4	118.7	103.2	109.2						
Residual Fuel Oil	60.7	53,1	46.3	46.6	50,9						
Unfinished Oils	110.3	108.3	111.3	114.1							
Other Oils	159.8	159,3	162.5	167.2	112.4						
Total Stocks (Excl. SPR)	1,152.2	1,125.7	1,063,6	1,057.9	177.2						
Crude Oil In SPR	300.6	306.1	311.8	317,7	1,070.3						
Total Stocks (Incl. SPR)	1,452.8	1,431.9	1,375,4	1,375,7	326.8 1,397.1						
Neek Ending											
19833	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29		
Crude OII ²	356.5	355,3	354,7	353,3	355.6	240.0	040.5	0,45.0			
Motor Gasoline	219.3	218.8	222.2	220.3	221.8	349.0	346,5	345.9	348.5		
Finished Gasoline	184,1	184.4	185.8	183.8	183,5	222,5	224,0	223.9	228.8		
Blending Components	35.2	34.3	36.4	36.4	38.3	185.3	187.4	186.1	190.8		
let Fuel	41.5	40.7	41.8	42.0	41.8	37.2	36.5	37.8	38.0		
Distillate Fuel Oil	106.5	110.9	110.5	110.2	112.0	41.2	41.4	40.9	40.9		
Residual Fuel Oll	48.8	46.6	46.7	44,8		118.5	122.3	125.0	129.2		
Infinished Oils	107.5	109,2	107,9	107.7	48.6	47.2	48.8	49.2	48.6		
Other Oits4	E178.3	E179.3	E180.4	E178.9	107.7	104,3	104.1	106.1	107.1		
otal Stocks (Excl. SPR)	1.058.5	1,060.7	1,064.2	1,057.3	E179.8	E181,4	E183.0	E186.2	E187.8		
rude Oil In SPR	326.8	327.4	328.0	330.1	1,067.4	1,064.0	1,070.0	1,077.3	1,091.0		•.
otal Stocks (Incl. SPR)	1,385.3	1,388.1	1,392.1		332,1	334.7	335,8	337.9	340.0		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,000,1	1,002,1	1,387.4	1,399,5	1,398.7	1,405.8	1,415.2	1,430.9		
		- , -		i			٠.	•			

E-Estimated. See definition of "Stock Change (Refined Products)" for explanation of other oils estimate methodology.

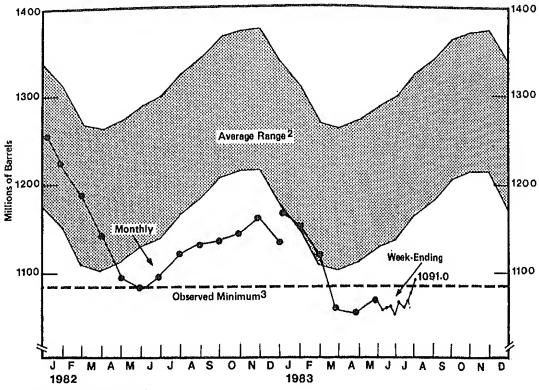
1 Product stocks include those stocks held at refineries, in pipelines, and at major bulk terminals. Stocks held at netural gas processing plants are included in "Other Oils" and it totals. All stock levels are as of the end of title period.

2 Crude bill stocks include those stocks held at refineries, in pipelines, in lease tanks, and in transit to refineries, and do not include those held in the Strategic Patroleum Reserve 3 See Appendix D for explanation of the 1963 new stock basis.

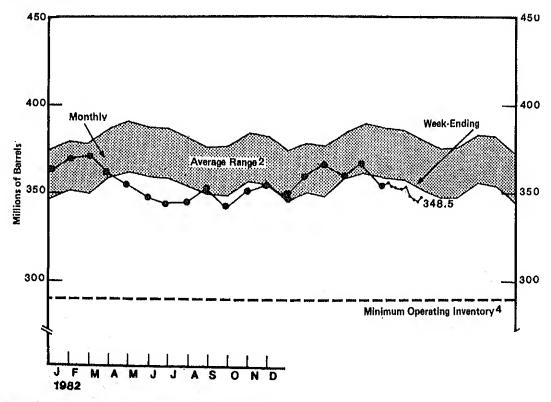
4 Weekly totals for stocks of other oils are estimated using monthly data. Other oils include kerosene, aviation gesoline, natural gas liquids including ethene, petrochemical feedi special nephthas, lube oil, wax, coke, asphalt, road oil, and miscellaneous oils.

Source: Monthly Date: 1981—1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

Stocks of Crude Oil and Petroleum Products, U.S. Total¹ (Millions of Barrels)



Stocks of Crude Oil, U.S. Total¹ (Millions of Barrels)



¹ Excludes stocks held in the Strategic Petroleum Reserve and includes crude oil in transit to 2 Average level, width of average range, and observed minimum are based on three years of 1 data: January 1975—December 1981. See Appendix 8 for further explanation.

3 The observed minimum for total stocks in the last three-year period January 1980—Decem 4 The National Patroleum Council defines the Minimum Operating Inventory as the minimum to be 290 million berrels. See Appendix B for further explanation. The 1979 study is currently Source: e Ranges and Sessonal Patterns: 1975—1980, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply data.

Stocks of Distillate Fuel Oil by Petroleum Administration for Defense District (Millions of Barrels)

Year/District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	No
1981			*	· · · · · · · · · · · · · · · · · · ·		····					
Total U.S.	179.4	172.5	164.3	164.6	171.8	179.9	186.3	200.2	207.3	201.2	200
East Coast (PAD 1)	71.9	69.8	64.7	64.4	68.2	73.8	81.3	86.3	92.0	94.8	96
Midwest (PAD 2)	57.7	56.1	52.5	52.4	50.5	48.7	49.8	54.1	54.3	51.0	51
Gulf Coast (PAD 3)	34.0	32.3	32.4	34.7	39.2	42.9	40.7	44.5	44.8	39.8	36
Rocky Mountain (PAD 4)	3.4	3.3	3,3	2.9	3.2	3.4	3.7	3.8	3,6	3.3	3
West Coast (PAD 5)	12.4	11.1	11.4	10.3	10.7	11.1	10.8	11.4	12.5	12.3	12
1982											
Total U.S.	164.4	147.4	126.3	108.0	113.6	123.7	148.1	158.7	161.2	170.1	185
East Coast (PAD 1)	68.3	60.3	44.7	35.0	39.1	44.2	57.4	63.9	68,0	75.7	88
Midwest (PAD 2)	46.7	43.1	39.5	30.8	30.8	33.7	42.6	45.5	45.6	44.2	45
Gulf Coast (PAD 3)	31.0	26.8	27.6	28.5	.31.1	32.6	34.1	35.6	34.0	37.0	36
Rocky Mountain (PAD 4)	4.1	3.9	3.7	3.1	2.8	3.0	3.4	3.5	3,5	3.5	3
West Coast (PAD 5)	14.2	13.3	10.8	10.5	.9.8	10.2	10.6	10.2	10.1	9.6	11
1983 ¹											
Total U.S.	168.2	147.4	118.7	103.2	109.2						
East Coast(PAD 1)	71.1	55.3	38.1	31.8	37.2						
Midwest (PAD 2)	47.2	46.4	39.0	33.3	30.4						
Gulf Coast (PAD 3)	31.7	28.9	27.2	26.0	28.8						
Rocky Mountain (PAD 4)		4.0	3.3	2.8	2.9						
West Coast (PAD 5)	14.1	12.8	11.1	9.4	9.9						
Week Ending:											
1983 ¹	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29		
Total U.S.	106.5	110.9	110.5	110.2	112.0	118.5	122,3	125.0	129.2		
East Coast (PAD 1)	36.2	37.2	37.8	39.0	39.4	43.3	45.5	46.4	49.2		
Midwest (PAD 2)	30.0	29.6	29.4	28.8	29.1	29.9	31.7	32.3	33.0		
Gulf Coast (PAD 3)	28.3	31.2	30.5	29.6	30.7	31.8	31.4	32.3	32.8	•	
Rocky Mountain (PAD 4)		2.6	2.6	2.7	2.6	2.8	2.7	2.8	2.8		
West Coast (PAD 5)	9.4	10.3	10,2	10.1	10.2	10.7	10.9	11,3	11.5		

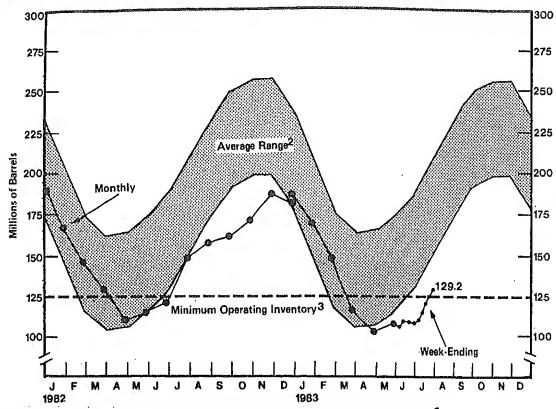
¹ See Appendix D for explanation of the 1983 new stock basis.

Note: PAD district clats may not add to total due to independent rounding.

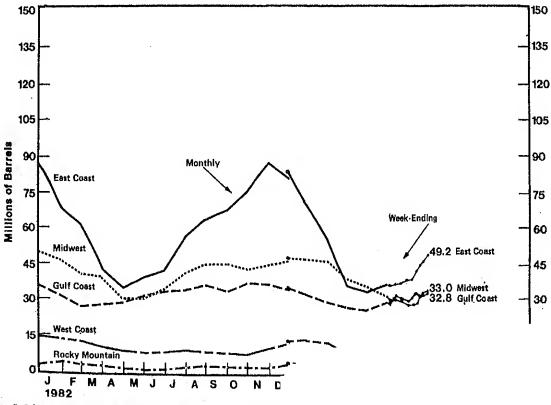
Source:

Monthly Data: 1981–1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

Weak-Ending Stocks: Estimates based on EIA weekly data.



Stocks of Distillate Fuel Oil by Petroleum Administration for Defense District¹ (Millions of Barrels)



¹ See Appendix D for explanation of the 1983 new stock basis,
2 Average level and width of average range are based on three years of monthly data: Jai
January 1975—December 1981. See Appendix B for further explanation,
3 The National Petroleum Council defines the Minimum Operating Inventory as the mini
level for distillate fuel oil to be 125 million barrels. See Appendix B for further explanation,
Source: e Ranges and Seasonal Patterns 1975—1980, EIA, "Petroleum Statement Annua
e Monthly data: 1981-1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Statement Annual
e Week-Ending Stocks: Estimates based on EIA weekly data.

Stocks of Distillate Fuel Oil by Petroleum Administration for Defense District (Millions of Barrels)

Year/District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981				******		9.50. **,***************						***************************************
Total U.S.	179.4	172.5	164.3	164.6	171.8	179.9	186.3	200.2	207.3	201.2	200.1	191.5
East Coast (PAD 1)	71.9	69.8	64.7	64.4	68.2	73.8	81.3	86.3	92.0	94.8	96.0	87.4
Midwest (PAD 2)	57.7	56.1	52.5	52.4	50.5	48.7	49.8	54.1	54.3	51.0	51.6	50.0
Gulf Coast (PAD 3)	34.0	32.3	32.4	34,7	39.2	42.9	40.7	44.5	44.8	39.8	36.7	35,5
Rocky Mountain (PAD 4)	3.4	3,3	3.3	2.9	3.2	3.4	3.7	3.8	3.6	3.3	3.6	3,9
West Coast (PAD 5)	12.4	11.1	11.4	10.3	10.7	11.1	10.8	11.4	12.5	12.3	12.3	14.7
1982												
Total U.S.	164.4	147.4	126.3	108.0	113,6	123.7	148.1	158.7	161.2	170.1	185.6	178.6
East Coast (PAD 1)	68.3	60.3	44.7	35.0	39.1	44.2	57.4	63.9	68.0	75.7	88.7	80.6
Midwest (PAD 2)	46.7	43.1	39.5	30.8	30.8	33.7	42.6	45.5	45.6	44.2	45.3	47.0
Gulf Coast (PAD 3)	31.0	26.8	27.6	28.5	.31.1	32.6	34.1	35.6	34.0	37.0	36.9	34.2
Rocky Mountain (PAD 4)	4.1	3.9	3.7	3.1	2,8	3.0	3.4	3.5	3.5	3.5	3.5	4.0
West Coast (PAD 5)	14.2	13.3	10.8	10,5	9.8	10.2	10.6	10.2	10.1	9.6	11.3	12.7
1983 ¹												
Total U.S.	168.2	147.4	118.7	103.2	109.2							
East Coast(PAD 1)	71.1	55.3	38.1	31.8	37.2							
Midwest (PAD 2)	47.2	46.4	39.0	33,3	30,4							
Gulf Coast (PAD 3)	31.7	28.9	27.2	26.0	28.8							
Rocky Mountain (PAD 4)	4.1	4.0	3.3	2.8	2.9							
West Coast (PAD 5)	14.1	12.8	11.1	9.4	9.9							
Week Ending:												
1983 ¹	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29			
Total U.S.	106.5	110,9	110.5	110.2	112.0	118.5	122.3	125.0	129.2	·····		
East Coast (PAD 1)	36.2	37.2	37.8	39.0	39.4	43.3	45.5	46.4	49.2			
Midwest (PAD 2)	30.0	29.6	29.4	28.8	29.1	29.9	31.7	32.3	33.0			
Gulf Coast (PAD 3)	28.3	31.2	30.5	29.6	30.7	31,8	31.4	32.1	32.8			
Rocky Mountain (PAD 4)	2.6	2.6	2.6	2.7	2.6	2.8	2.7	2.8	2.8			
West Coast (PAD 5)	9.4	10.3	10.2	10.1	10.2	10.7	10.9	11.3	11.5			

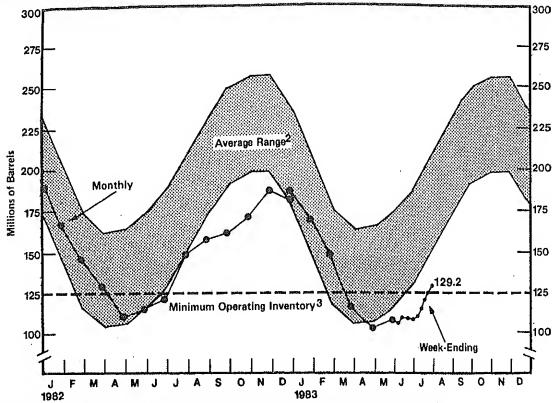
¹ See Appendix D for explanation of the 1983 new stock basis.

Note: PAD district data may not add to total due to independent rounding.

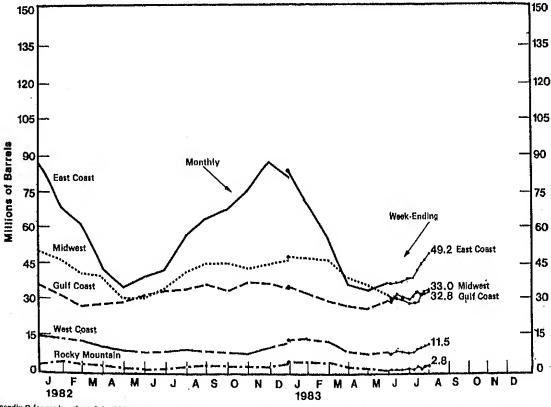
Source: • Monthly Data: 1981–1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

• Week-Ending Stocks: Estimates based on EIA weekly data.

Stocks of Distillate Fuel Oil, U.S. 10tal (Millions of Barrels)



Stocks of Distillate Fuel Oil by Petroleum Administration for Defense District¹ (Millions of Barrels)



I See Appendix D for explanation of the 1983 new stock basis,

2 Average level and width of average range are based on three years of monthly date: January 1980—December 1982. The seesonal pattern is based on seven years of monthly date:

January 1975—December 1981. See Appendix B for further explanation.

3 The National Patroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. In ther 1979 study, they defined this inventory level for distillate fuel oil to be 125 million barrels. See Appendix B for further explanation. The 1979 study is currently under review.

Source: e Ranges and Seasonal Patterns 1975—1980, EIA, "Petroleum Statement Annual (Final Summary)." 1981, EIA, "Petroleum Supply Annual."

e Monthly data: 1981-1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

e Week-Ending Stocks: Estimates based on EIA weekly date.

Weekly Patroleum Status Report/Energy Information Administration

Stocks of Residual Fuel Oil by Petroleum Administration for Defense District (Millions of Barrels)

Year/District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981	J									·····		
Total U.S.	82.1	77.9	74.8	72.9	78.1	69.4	69.3	74.9	80.2	79.9	81.4	78.0
East Coast (PAD 1)	39.0	38.5	37.3	36.3	38.2	33.6	33.0	34.4	40.0	40.4	43.0	40.1
Midwest (PAD 2)	9.2	9.0	7.9	7.3	7.1	7.0	7.7	8.1	8.5	8.0	8.2	8.3
Gulf Coast (PAD 3)	21.8	19.7	19.4	19.1	21.7	17.0	17.4	21.2	20.4	20.4	19,7	18,7
Rocky Mountain (PAD 4)		0.7	0.6	0.5	0.6	0.6	0.5	0.6	0.7	0.7	0.7	0.7
West Coast (PAD 5)	11.4	10.1	9.7	9.7	10.5	11.2	10.7	10.7	10.7	10.4	9.8	10.2
1982												
Total U.S	68.7	58.5	58.1	53.6	59.0	60.7	58.9	52.6	61.8	63.6	66.4	66.2
East Coast (PAD 1)	32.2	25.0	25.0	23.4	28.3	28.2	27.1	23.1	29.0	32.8	36.4	34.7
Midwest (PAD 2)	7.7	7.3	7.0	6.2	6.0	5.6	5.7	5.2	5.7	5.1	5.0	5.2
Gulf Coast (PAD 3)	17,7	14.7	14.7	13.5	15.0	17.1	16.4	15.5	16.2	15.6	16.1	16.3
Rocky Mountain (PAD 4)	0.6	0.7	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.6
West Coast (PAD 5)	10.3	10.8	10.9	10.0	9.2	9.3	9.3	8.4	10.4	9.6	8.4	9,3
1983 ¹												
Total U.S.	60.7	53.1	46.3	46.6	50.9							
East Coast (PAD 1)	29.9	25.1	20.6	20.3	23.8							
Midwest (PAD 2)	5.0	4.5	3.6	3.4	3.5							
Gulf Coast (PAD 3)	16.3	14.0	12.8	13.4	14.5							
Rocky Mountain (PAD 4)	0.5	0.4	0.4	0.5	0.5							
West Coast (PAD 5)	9.0	9.1	8.9	9.0	8.5							
Week Ending:												
1983 ¹	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29			***************************************
Total U.S.	48.8	46.6	46.7	44.8	48.6	47.2	48.8	49.2	48.6			
East Coast (PAD 1)	22.0	21.3	21.4	21.5	23.6	22,6	23.9	23.8 ⁻	23.0			
Midwest (PAD 2)	3.7	3.8	4.0	3.9	4.2	3.9	3.9	3.6	3.9			
Gulf Coast (PAD 3)	14.4	13.4	13.7	11.8	13.0	12.1	12.4	13.1	13.1			
Rocky Mountain (PAD 4)	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6			
West Coast (PAD 5)	8.0	7.4	7.0	6.9	7.2	7.9	8.0	8.1	8.0			

¹ See Appendix D for explanation of the 1983 new stock basis.

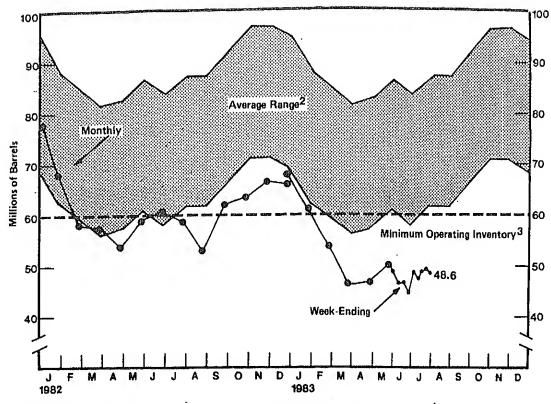
Note: PAD district date may not add to total due to independent rounding.

Source:

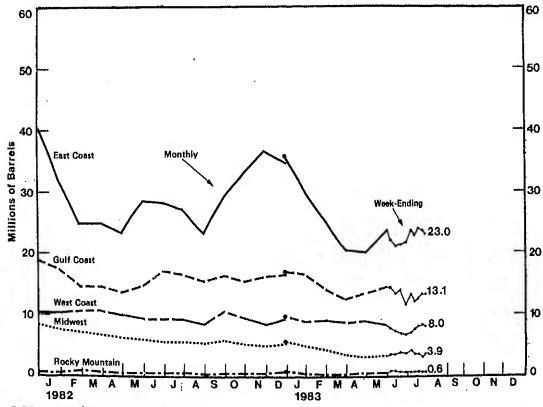
Monthly Date: 1981—1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

Week-Ending Stocks: Estimates based on EIA weekly date.

Stocks of Residual Fuel Oil, U.S. Totai¹ (Millions of Barrels)



Stocks of Residual Fuel Oil by Petroleum Administration for Defense District¹ (Millions of Barrels)



¹ See Appendix D for further explanation of the 1983 new stock basis.
2 Average level and width of average range are based on three years of monthly data: January 1980—December 1982, The seasonal pattern is based on seven years of monthly data: January 1975—December 1981. See Appendix B for further explanation.
3 The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. In their 1979 study, they defined this inventory level for residual fuel oil to be 80 million barrels. See Appendix B for further explanation. The 1979 study is currently under review.

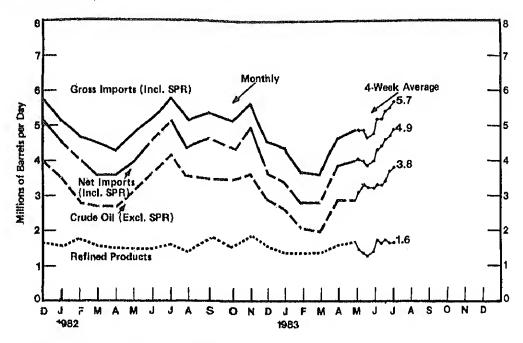
Source: • Renges and Seasonal Petterns 1975—1980, EIA, "Petroleum Statement Annual (Final Summary)," 1981, EIA, "Petroleum Supply Annual."

• Monthly Data: 1981—1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

• Week-Ending Stocks: Estimates based on EIA weekly data.

Weekly Petroleum Status Report/Energy Information Administra

Imports of Crude Oil and Petroleum Products (Millions of Barrels per Day)



Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N
1981										* ***	
Crude Oll (Excl. SPR)	4.8	4.8	4.4	4.1	3,9	3.7	4.1	3.9	4.3	3,9	3
SPR	0.1	0.1	0.1	0.3	0.4	0.3	0.2	0.3	0.4	0.5	0
Refined Products	1.9	1.9	1.5	1.3	1.5	1.4	1.5	1.6	1.6	1,6	1
Gross Imports (Incl. SPR)	6.8	6,8	6.0	5.7	5.8	5.4	5.8	5.8	6.4	6.0	5
Total Exports [†]	0.6	0.6	0.6	0.6	0.6	0.4	0.6	0.6	0.5	0.7	0 5
Net Imports (Incl. SPR)	6.3	6,2	5.4	5.1	5.2	5.0	5.2	5.1	5.8	5.2	5
1982											:
Crude Oil (Excl. SPR)	3,5	2.8	2.7	2.7	3.1	3.7	4.2	3.6	3.5	3.5	3
SPR	0.2	0.2	0.2	0.2	0,2	0.1	0.1	0.2	0.1	0.2	0
Refined Products	1.6	1.8	1.6	1.5	1.5	1.5	1.6	1.4	1.8	1.6	1
Gross Imports (Incl. SPR)	5.3	4.8	4.5	4.4	4.8	5.3	5.9	5.2	5.4	5.3	5
Total Exports 1	0.8	0.8	0.9	0.8	0.8	0.7	0.7	0.9	0.8	0.9	Ŏ
Net Imports (Incl. SPR)	4.5	4.0	3.6	3.6	4.0	4.6	5.1	4.4	4.6	4.4	5
1983											:
Crude Oil (Excl. SPR)	2.7	2.1	2.0	2.9	2,						3
SPR	0.2	0.2	0.2	0.2	0,3						
Refined Products	1.4	1.4	1.4	1.6	1.7						
Gross Imports (Incl. SPR)	4.4	3.7	3.6	4.7	4.9						2
Total Exports1	1.0	0.9	0.8	0.8	0.8						
Net Imports (Incl. SPR)	3.4	2.8	2.8	3.9	4.0						
Average for Four-Week Perk	od Endina	:									4
1983	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29	× .	+
Crude Oil (Excl. SPR)	3.1	3.3	3.2	3.2	. 3.3	3.3	3.4	3.7	3.8		
SPR .	0.3	0.2	0.1	0.2	0,2	0.3	0.3	0,3	0.3	· · ·	-
Refined Products	1.5	1.4	1.3	1.4	1.7	1.6	1.7	1.6	1.6		. :
Gross Imports (Incl. SPR)	4.9	4.9	4.7	4.8	5.2	5.2	5.4	5.5	5.7		
Total Exports	E0.8	E0.8	E0.8	E0.8	E0.8	E0.8	E0.8	E0.8	E0.8		
Net Imports (Incl. SPR)	4.1	4.0	3.9	4.0	4.3	4.4	4.6	4.7,	4.9		:
		-			-	- Anna Carall			نست بنيت		

E-Estimate based on most recent monthly deta available.

1 includes exports of crude oil and refined petroleum products. Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange ref-for-betref basis. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

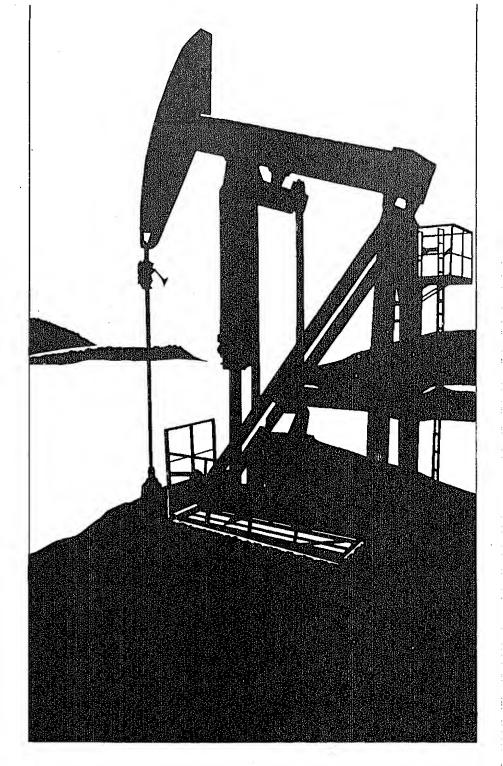
Nets: Detail date may not add to total due to independent rounding.

Source: a Monthly Date: 1981-1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly,"

The Four-Week Averages: Estimates besed on EIA weekly date.

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Wednesday, August 24, 1983 8 A.M. - 3:30 P.M. KEY BRIDGE MARRIOTT HOTEL Arlington, Virginia

Energy Information Administration Symposium on Petroleum Supply Informatio

Wednesday, August 24, 1983 8 a.m. - 3:30 p.m. KEY BRIDGE MARRIOTT HOTEL Arlington, Virginia

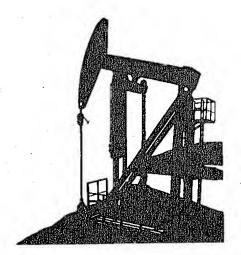
Keynote Address

J. Erich Evered Administrator **Energy Information Administration**



Opening Remarks

Jimmie L. Petersen Director Office of Oil and Gas Energy Information Administration



"Petroleum Division Act Present and Frank E. Lalle Petroleum Sur Energy Inform

Administration

Morning Sessions

Room A

Session 1

10:20-11:50 a.m.

World Economic Changes and U.S. Off Scappty Chairman: Jimmie L Petersen, Director,

Office of Oil and Gas, EIA

- "Trends in Refinery Capacity and Utilization (Results of 1983 EIA Refinery Survey)." Elizabeth Campbell, Economist, Petroleum Supply Division, EIA
- "World Oil Price and Inventory Cycles." Dr. John L. Moore, Deputy Area Manager, Applied Management Sciences
- "Minimum Operating Inventories for Gasoline, Distillate Fuel Oil and Residual Fuel Oil." Richard D. Farmer, Economist, Petroleum Supply Division, EIA

Session 2

10:20-11:50 a.m.

Availability of EIA Petroleum Suppl Surveys, Systems and Publications Chairman: Dr. Barry M. Yaffe, Chief, Data Analysis and Support Branch, EIA

- "EIA Petroleum Supply Surveys: An O Ronald W. O'Neill, Publications Branch Petroleum Supply Division, EIA
- "Systems Improvements: The Integrate Supply Data Base." William E. Molloy, Computer Special Petroleum Supply Division, EIA
- "New Data and Information Services." John Daniels, Director, National Energy Information Center, E

1:30-3:30 p.m.

Current Petroleum Supply Situation and Outlook

Room A

Chairman: Dr. Wray Smith, Director, Office of Energy Markets and End Use, EIA

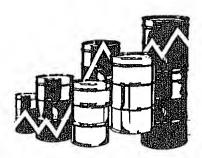
- "The Current Petroleum Situation: Expectations for Fall and Winter 1983/84." Albert H. Linden, Jr., Deputy Administrator, EIA
- "Outlook for World Crude Oil Prices." Calvin W. Kilgore, Acting Director, Short-Term Information, EIA
- "The Outlook for Transportation Fuels." Dr. David Green, Group Leader, Transportation Energy Group, Oak Ridge National Laboratory
- "Intermediate Term Petroleum Projections."
 Dr. John Pearson, Director,
 Longer-Term Information, EIA

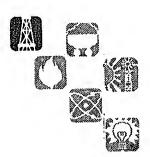
- Session 🖣

1:30-3:30 p.m.

Petroleum Supply Data: Scope and Quality Room B Chairman: Dr. Yvonne M. Bishop, Director, Office of Statistical Standards, EIA

- "Accuracy of Petroleum Supply Data."
 Dr. Nancy Kirkendall, Statistician,
 Petroleum Supply Division, EIA
- "Advances in Quality Control in PSD Data."
 Dr. Lawrence A. Thibodeau,
 Deputy Area Manager,
 Applied Management Sciences
- "Liquefied Petroleum Gas Reporting." Gary Oleson, Statistician, Petroleum Supply Division, EIA
- "Statistical Design of the Weekly Petroleum Status Report."
 Dr. Eugene Burns and Yahia Ahmed, Statisticians, Petroleum Supply Division, EIA





There is no charge for attendance. However, because of space limitations, reservations are required and requests will be honored on an "as received" basis.

I want to attend the symposium on Petroleum Supply Information on August 24, 1983.

Name

Organization

Business Telephone

City

1 prefer to participate in morning session 1 □ or session 2 □ (check one) afternoon session 3 □ or session 4 □ (check one)

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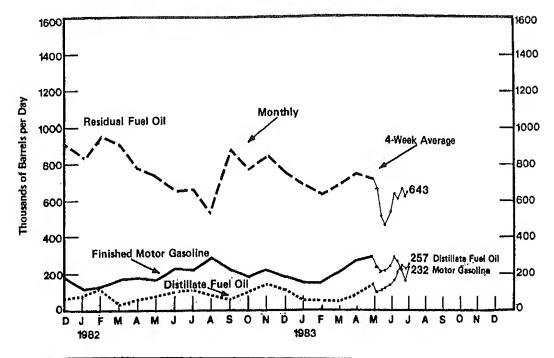
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POSTAGE WILL BE PAID BY U.S. DEPARTMENT OF ENERGY

Barbara Zakheim Applied Management Sciences '962 Wayne Avenue, Suite 701 Silver Spring, Maryland 20910 NO POS NECES IF MA IN T UNITED





Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
									-		
138	111	171	186	150	186	151	124	169	147	148	197
15	38	76	55	47	68	35	47	46	14	9	7 :
273	325	147	1 16	179	225	179	174	129	119	124	95
1,015	954	699	584	741	540	830	819	841	786	880	916
453	471	414	389	371	356	327	424	438	514	533	491
128	133	183	185	182	230	225	291	223	.185	211	178
10	62	39	47	31	3	31	26	30	20	40	7
97	132	48	59	74	102	125	80	61	91	145	109
831	956	912	788	742	652	657	550	872	783	836	747
573	533	427	449	474	504	604	445	592	557	650	564
148	142	205	273	284							:
	8	35	15	35							
58	58	42	73								:
691	632	686	743	709							
510	583	429	486	495							
riod Endir	na:										:
6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22_	7/29			
239	216	217	246	289	270	223	157	232		-34	
	-										
662	519	460	539	636	608	667	617	643			1
	138 15 273 1,015 453 128 10 97 831 573 148 27 58 691 510 riod Endir 6/3 239 8	138 111 15 38 273 325 1,015 954 453 471 128 133 10 62 97 132 831 956 573 533 148 142 27 8 58 58 691 632 510 583 riod Ending: 6/3 6/10 239 216 8 8 97 106	138 111 171 15 38 76 273 325 147 1,015 954 699 453 471 414 128 133 183 10 62 39 97 132 48 831 956 912 573 533 427 148 142 205 27 8 35 58 58 42 691 632 686 510 583 429 riod Ending: 6/3 6/10 6/17 239 216 217 8 8 15 97 106 115	138 111 171 186 15 38 76 55 273 325 147 116 1,015 954 699 584 453 471 414 389 128 133 183 185 10 62 39 47 97 132 48 59 831 956 912 788 573 533 427 449 148 142 205 273 27 8 35 15 58 58 42 73 691 632 686 743 510 583 429 486 riod Ending: 6/3 6/10 6/17 6/24 239 216 217 246 8 8 15 16 97 106 115 141	138 111 171 186 150 15 38 76 55 47 273 325 147 116 179 1,015 954 699 584 741 453 471 414 389 371 128 133 183 185 182 10 62 39 47 31 97 132 48 59 74 831 956 912 788 742 573 533 427 449 474 148 142 205 273 284 27 8 35 15 35 58 58 42 73 141 691 632 686 743 709 510 583 429 486 495 riod Ending: 6/3 6/10 6/17 6/24 7/1 239 216 217 246 289 8 8 15 16 31 97 106 115 141 167	138 111 171 186 150 186 15 38 76 55 47 68 273 325 147 116 179 225 1,015 954 699 584 741 540 453 471 414 389 371 356 128 133 183 185 182 230 10 62 39 47 31 3 97 132 48 59 74 102 831 956 912 788 742 652 573 533 427 449 474 504 148 142 205 273 284 27 8 35 15 35 58 58 42 73 141 691 632 686 743 709 510 583 429 486 495 riod Ending: 6/3 6/10 6/37 6/24 7/1 7/8 239 216 217 246 289 270 8 8 15 16 31 32 97 106 115 141 167 205	138 111 171 186 150 186 151 15 38 76 55 47 68 35 273 325 147 116 179 225 179 1,015 954 699 584 741 540 830 453 471 414 389 371 356 327 128 133 183 185 182 230 225 10 62 39 47 31 3 31 97 132 48 59 74 102 125 831 956 912 788 742 652 657 573 533 427 449 474 504 604 148 142 205 273 284 27 8 35 15 35 58 58 42 73 141 691 632 686 743 709 510 583 429 486 495 riod Ending: 6/3 6/10 6/J7 6/24 7/1 7/8 7/15 239 216 217 246 289 270 223 8 8 15 16 31 32 34 97 106 115 141 167 205 236	138	138 111 171 186 150 186 151 124 169 15 38 76 55 47 68 35 47 46 273 325 147 116 179 226 179 174 129 1,015 954 699 584 741 540 830 819 841 453 471 414 389 371 356 327 424 438 128 133 183 185 182 230 225 291 223 10 62 39 47 31 3 31 26 30 97 132 48 59 74 102 125 80 61 831 956 912 788 742 652 657 550 872 573 533 427 449 474 504 604 445 592 148 142 205 273 284 27 8 35 15 35 58 58 42 73 141 691 632 686 743 709 510 583 429 486 495 riod Ending: 6/3 6/10 6/17 6/24 7/1 7/8 7/15 7/22 7/29 239 216 217 246 289 270 223 157 232 8 8 15 16 31 32 34 35 20 97 106 115 141 167 205 236 235 257	138	138 111 171 186 150 186 151 124 169 147 148 15 38 76 55 47 68 35 47 46 14 9 273 325 147 116 179 225 179 174 129 119 124 1,015 954 699 584 741 540 830 819 841 786 880 453 471 414 389 371 356 327 424 438 514 533 128 133 183 185 182 230 225 291 223 185 211 10 62 39 47 31 3 31 26 30 20 40 97 132 48 59 74 102 125 80 61 91 145 831 956 912 788 742 652 657 550 872 783 836 573 533 427 449 474 504 604 445 592 557 650 148 142 205 273 284 27 8 35 15 35 58 58 42 73 141 691 632 686 743 709 510 583 429 486 495 riod Ending: 6/3 6/10 6/37 6/24 7/1 7/8 7/15 7/22 7/29 239 216 217 246 289 270 223 157 232 8 8 15 16 31 32 34 35 20 97 106 115 141 167 205 236 235 257

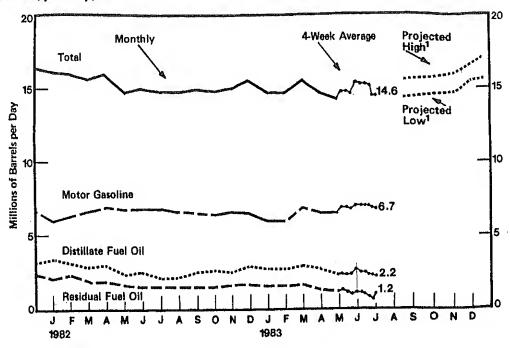
¹ includes imports of kerosene, unfinished oils, motor gasoline blending components, liquefied petroleum gases and other oils.

Source:

Monthly data: 1981-1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly.

Four-Week Averages: Estimates based on EIA weekly data.

Petroleum Produsts Supplied (Millions of Barrels per Day)



Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1981												0.7
Motor Gasoline	6.4	6.3	6.3	6.6	6.6	7.0	6.8	6.6	6.7	6.6	6.4	6.7 1.0
Jet Fuel	1.1	1.0	1.1	1.0	0.9	1.0	1.1	1.0	1.0	0.9	1.0 2.9	3.2
Distillate Fuel Oil ²	4.1	3.4	2.9	2.5	2.4	2.4	2.4	2.4	2.5	2.8	1.9	2.3
Residual Fuel Oil ²	2.9	2.5	2.1	1.9	1.8	2.0	2.0	1.8	1.9	1.9	3.4	3.4
Other	3.9	3.8	3.5	3.4	3.7	3.7	3.4	3.5	3.8	3.6 15.8	3.4 15.6	16.6
Total	18.4	17.0	15.9	15.4	15.4	16.1	15.7	15.3	15.9	10.0	19.0	10.0
1982											0.0	C E
Motor Gasolina	6.0	6.2	6.5	6.9	6.7	6.8	6.8	6.6	6.5	6.4	6.6	6.5
Jet Fuel	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	. 1.1	1.1
Distillate Fuel Oil ²	3.5	3.1	2.9	3.0	2:4	2.5	2.1	2.2	2.5	2.6	2.5	2.9
Residual Fuel Oil ²	2.2	2.3	1,9	1.9	1.6	1.5	1.6	1.5	1.5	1.5	1.6	1.6
Other	3,5	3.3	3.3	3.2	3.2	3.2	3.4	3.5	3.5	3.4	3.3	P3.4
Total	16.1	16.0	15.6	16.0	14.8	15.0	14.8	14.8	15.0	14.9	15 .0	15.5
1983												٠
Motor Gasoline	6.0	6.0	6.8	6,5	6.5							
Jet Fuel	0.9	1.0	1.0	1.1	1.0							
Distillate Fuel Oil ²	2.8	2.8	2.9	2.7	2.3							
Residual Fuel Oil ²	1.6	1.6	1.6	1.4	1.3				'			
Other	3,5	3.3	3.2	3.1	3.1							
Total	14.8	14.8	15.5	14.8	14.3			+ .	:			
Average for Four-We	ek Perio	d Ending:		•								
1983	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29			· · i ·
Motor Gasoline	6.8	6.8	6.7	6.9	6.9	6,9	6,9	6.8	6.7		•	!
Jet Fuel	1.0	1.0	1.0	1.0	1.0	1.0	1.1.	1.1	1.1		÷.	
Distillate Fuel Oil ²	2.4	2.3	2.4	2.6	2.5	2,5	2.4	2.3	2.2			•
Residual Fuel Oil ²	1.4	1.3	1.2	1.3	1.3	1.2	1.1	1.0	1.2			:
Other	3.3	3.3	3.3	3.4	3.5	3.6	3.6	3.4	3.4	0		
Total	14.8	14.8	14.7	15.3	15.2 ·	15.2	15.1	14.6	14.6	*	**	

¹ Projected. See Appendix C for explanation of derivation of values.
2 Beginning in 1983, crude oil burned as residual fuel oil or distillate fuel oil is no longer reported to EIA and therefore is not included in 1983 product supplied calculations for these full.
The product supplied series for distillate and residual fuel oil for 1981 and 1982 shown on this page are the values published in 1981 and 1982 EIA publications and include crude oil trainifers (about A8 thousand berrals per day for residual fuel oil and 10 thousand berrals per day for residual fuel oil and 10 thousand berrals per day for residual fuel oil and 10 thousand berrals per day for distillate fuel oil). See Appendix D for further explanation.
Note: Detail date may not add to total due to independent rounding.
Source: e Monthly Data: 1981—1982, EIA, "Petroleum Supply Annual," 1983, EIA, "Petroleum Supply Monthly."

a Four-Week Averages: Estimates based on EIA weekly date.

b Projections: EIA, Office of Energy Markets and End Use (May 1983).

कुंक्रीमीकरका पुरस्किक्सी हिमाला के उन्हें कर कर राज्य है। कि कुंक्रिक के कुंक्रिक के

Average Retail Selling Prices Motor Gasoline and Residential Heating Oil (Cents per Gallon, Including Taxes)

Jan	Feb	Mar	Apr	May	Jun	Jui	Aug	Sep	Oct	Nov	Dec	
	4 4 4 4	4440	4454	4447	1446	1440	4444	4.45.0	4 45 7	440.0	4400	
126.9												
114.4	123.4	125.5	123.9	122.7	120.9	121.0	119.4	119.7	118.8	120.8	122.0	
	•											
145.6	143.8	140.7					-					
128.5	126.0	120.6	114,8					123.6				
	133.4	128.4	122.5	123,7	130.9	133.1	132.3	130.8	129.5	128.3		
134.1	131.8	126.8	121.0	122.4	129.6	131.8	131.0	129.5	128.0	126.8	124.4	
122.0	120.7	115.3	113.2	114.3	116.2	115.8	115.9	115.2	119.6	121.6	119.6	
135.3	131.8	127.4	132.1	137,6	142.9							
	109.9	106.4	113.1	117,7	119.7							
			121.5	125,9	127.7							
				124,3	126.1							
				P104.5								
	133.8 123.8 129.8 126.9 114.4 145.6 128.5 135.8 134.1 122.0	133.8 141.0 123.8 132.1 129.8 138.2 126.9 135.3 114.4 123.4 145.6 143.8 128.5 126.0 135.8 133.4 134.1 131.8 122.0 120.7 135.3 131.8 14.6 109.9 122.8 118.7 121.3 117.0	133.8 141.0 144.9 123.8 132.1 135.2 129.8 138.2 141.7 126.9 135.3 138.8 114.4 123.4 125.5 145.6 143.8 140.7 128.5 126.0 120.6 135.8 133.4 128.4 134.1 131.8 126.8 122.0 120.7 115.3 135.3 131.8 127.4 114.6 109.9 106.4 122.8 118.7 115.1 121.3 117.0 113.5	133.8 141.0 144.9 145.1 123.8 132.1 135.2 134.4 129.8 138.2 141.7 141.2 126.9 135.3 138.8 138.1 114.4 123.4 125.5 123.9 145.6 143.8 140.7 136.8 128.5 126.0 120.6 114.8 135.8 133.4 128.4 122.5 134.1 131.8 126.8 121.0 122.0 120.7 115.3 113.2 135.3 131.8 127.4 132.1 114.6 109.9 106.4 113.1 122.8 118.7 115.1 121.5 121.3 117.0 113.5 119.8	133.8 141.0 144.9 145.1 144.7 123.8 132.1 135.2 134.4 133.3 129.8 138.2 141.7 141.2 140.0 126.9 135.3 138.8 138.1 137.0 114.4 123.4 125.5 123.9 122.7 145.6 143.8 140.7 136.8 137.9 128.5 126.0 120.6 114.8 116.6 135.8 133.4 128.4 122.5 123.7 134.1 131.8 126.8 121.0 122.4 122.0 120.7 115.3 113.2 114.3 135.3 131.8 127.4 132.1 137.6 114.6 109.9 106.4 113.1 117.7 122.8 118.7 115.1 121.5 125.9 121.3 117.0 113.5 119.8 124.3	133.8 141.0 144.9 145.1 144.7 144.6 123.8 132.1 135.2 134.4 133.3 132.4 129.8 138.2 141.7 141.2 140.0 139.1 126.9 135.3 138.8 138.1 137.0 136.2 114.4 123.4 125.5 123.9 122.7 120.9 145.6 143.8 140.7 136.8 137.9 140.8 128.5 126.0 120.6 114.8 116.6 124.2 135.8 133.4 128.4 122.5 123.7 130.9 134.1 131.8 126.8 121.0 122.4 129.6 122.0 120.7 115.3 113.2 114.3 116.2 135.3 131.8 127.4 132.1 137.6 142.9 114.6 109.9 106.4 113.1 117.7 119.7 122.8 118.7 115.1 121.5 125.9 127.7 121.3 117.0 113.5 119.8 124.3 126.1	133.8 141.0 144.9 145.1 144.7 144.6 144.6 123.8 132.1 135.2 134.4 133.3 132.4 131.5 129.8 138.2 141.7 141.2 140.0 139.1 138.2 126.9 135.3 138.8 138.1 137.0 136.2 135.3 114.4 123.4 125.5 123.9 122.7 120.9 121.0 145.6 143.8 140.7 136.8 137.9 140.8 145.0 128.5 126.0 120.6 114.8 116.6 124.2 126.3 135.8 133.4 128.4 122.5 123.7 130.9 133.1 134.1 131.8 126.8 121.0 122.4 129.6 131.8 122.0 120.7 115.3 113.2 114.3 116.2 115.8 135.3 131.8 127.4 132.1 137.6 142.9 114.6 109.9 106.4 113.1 117.7 119.7 122.8 118.7 115.1 12	133.8 141.0 144.9 145.1 144.7 144.6 144.6 144.4 123.8 132.1 135.2 134.4 133.3 132.4 131.5 131.0 129.8 138.2 141.7 141.2 140.0 139.1 138.2 137.6 126.9 135.3 138.8 138.1 137.0 136.2 135.3 134.8 114.4 123.4 125.5 123.9 122.7 120.9 121.0 119.4 145.6 143.8 140.7 136.8 137.9 140.8 145.0 145.8 128.5 126.0 120.6 114.8 116.6 124.2 126.3 125.4 135.8 133.4 128.4 122.5 123.7 130.9 133.1 132.3 134.1 131.8 126.8 121.0 122.4 129.6 131.8 131.0 122.0 120.7 115.3 113.2 114.3 116.2 115.8 115.9 135.3 131.8 127.4 132.1 137.6 142.9 114.6 109.9 106.4 113.1 117.7 119.7 122.8 118.7 115.1 121.5 125.9 127.7 121.3 117.0 113.5 119.8 124.3 126.1	133.8 141.0 144.9 145.1 144.7 144.6 144.6 144.4 145.6 123.8 132.1 135.2 134.4 133.3 132.4 131.5 131.0 130.5 129.8 138.2 141.7 141.2 140.0 139.1 138.2 137.6 137.6 126.9 135.3 138.8 138.1 137.0 136.2 135.3 134.8 135.8 114.4 123.4 125.5 123.9 122.7 120.9 121.0 119.4 119.7 145.6 143.8 140.7 136.8 137.9 140.8 145.0 145.8 144.1 128.5 126.0 120.6 114.8 116.6 124.2 126.3 125.4 123.6 135.8 133.4 128.4 122.5 123.7 130.9 133.1 132.3 130.8 134.1 131.8 126.8 121.0 122.4 129.6 131.8 131.0 129.5 122.0 120.7 115.3 113.2 114.3 116.2 115.8 115.9 115.2 135.3 131.8 127.4 132.1 137.6 142.9 114.6 109.9 106.4 113.1 117.7 119.7 122.8 118.7 115.1 121.5 125.9 127.7 121.3 117.0 113.5 119.8 124.3 126.1	133.8 141.0 144.9 145.1 144.7 144.6 144.6 144.4 145.6 145.7 123.8 132.1 135.2 134.4 133.3 132.4 131.5 131.0 130.5 129.9 129.8 138.2 141.7 141.2 140.0 139.1 138.2 137.6 137.6 137.1 126.9 135.3 138.8 138.1 137.0 136.2 135.3 134.8 135.8 135.3 114.4 123.4 125.5 123.9 122.7 120.9 121.0 119.4 119.7 118.8 145.6 143.8 140.7 136.8 137.9 140.8 145.0 145.8 144.1 141.3 128.5 126.0 120.6 114.8 116.6 124.2 126.3 125.4 123.6 121.9 135.8 133.4 128.4 122.5 123.7 130.9 133.1 132.3 130.8 129.5 134.1 131.8 126.8 121.0 122.4 129.6 131.8 131.0 129.5 128.0 122.0 120.7 115.3 113.2 114.3 116.2 115.8 115.9 115.2 119.6 135.3 131.8 127.4 132.1 137.6 142.9 114.6 109.9 106.4 113.1 117.7 119.7 122.8 118.7 115.1 121.5 125.9 127.7 121.3 117.0 113.5 119.8 124.3 126.1	133.8 141.0 144.9 145.1 144.7 144.6 144.6 144.4 145.6 145.7 146.2 123.8 132.1 135.2 134.4 133.3 132.4 131.5 131.0 130.5 129.9 129.7 129.8 138.2 141.7 141.2 140.0 139.1 138.2 137.6 137.6 137.1 136.9 126.9 135.3 138.8 138.1 137.0 136.2 135.3 134.8 135.8 135.3 135.1 114.4 123.4 125.5 123.9 122.7 120.9 121.0 119.4 119.7 118.8 120.8 145.6 143.8 140.7 136.8 137.9 140.8 145.0 145.8 144.1 141.3 141.2 128.5 126.0 120.6 114.8 116.6 124.2 126.3 125.4 123.6 121.9 120.7 135.8 133.4 128.4 122.5 123.7 130.9 133.1 132.3 130.8 129.5 128.3 134.1 131.8 126.8 121.0 122.4 129.6 131.8 131.0 129.5 128.0 126.8 122.0 120.7 115.3 113.2 114.3 116.2 115.8 115.9 115.2 119.6 121.6 135.3 131.8 127.4 132.1 137.6 142.9 114.6 109.9 106.4 113.1 117.7 119.7 122.8 118.7 115.1 121.5 125.9 127.7 121.3 117.0 113.5 119.8 124.3 126.1	133.8 141.0 144.9 145.1 144.7 144.6 144.6 144.4 145.6 145.7 146.2 146.0 123.8 132.1 135.2 134.4 133.3 132.4 131.5 131.0 130.5 129.9 129.7 129.3 129.8 138.2 141.7 141.2 140.0 139.1 138.2 137.6 137.6 137.1 136.9 136.5 126.9 135.3 138.8 138.1 137.0 136.2 135.3 134.8 135.8 135.3 135.1 134.8 114.4 123.4 125.5 123.9 122.7 120.9 121.0 119.4 119.7 118.8 120.8 122.0 145.6 143.8 140.7 136.8 137.9 140.8 145.0 145.8 144.1 141.3 141.2 137.2 128.5 126.0 120.6 114.8 116.6 124.2 126.3 125.4 123.6 121.9 120.7 118.1 135.8 133.4 128.4 122.5 123.7 130.9 133.1 132.3 130.8 129.5 128.3 126.0 134.1 131.8 126.8 121.0 122.4 129.6 131.8 131.0 129.5 128.0 126.8 124.4 122.0 120.7 115.3 113.2 114.3 116.2 115.8 115.9 115.2 119.6 121.6 119.6 135.3 131.8 127.4 132.1 137.6 142.9 114.6 109.9 106.4 113.1 117.7 119.7 122.8 118.7 115.1 121.5 125.9 127.7 121.3 117.0 113.5 119.8 124.3 126.1

Refiner Acquisition Cost of Crude Oil (Dollars per Barrel)

Year/Type	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	
1981.	00.74	00.07	20.07	25.50	35.21	34.20	33.76	33.79	33.47	33.48	33.49	33.51	
Domestic	32.71	36.27 39.00	36.97 38.31	35.58 38.41	37.84	37.03	36.58	35.82	35.44	35.43	36.21	35.95	
Imported	38.85		37.48	36.58	36.11	35.03	34.70	34.46	34.11	34.07	34.33	34.33	
Composite	34.86	37.28	37.40	30,00	30.11	00,00	04.70	04.40	04.11	04.07	0-1,00	U 1100	
1982													
Domestic	33.39	32.71	31.08	30.27	30.37	30.79	30.92	30.85	30.76	31.38	31.57	30.80	
Imported	35.54	35.48	34.07	32.82	32.78	33.79	33.44	32.95	33.03	33.28	33.09	32.85	
Composite	33.95	33.40	31.81	30.83	31.02	31.74	31.74	31.45	31.40	31.98	32.07	31.29	
1983													
Domestic	30.55	29.16	28.69	28.45									
Imported ·	31,40	30.76	28.43	27.95									
Composite	30.73	29.49	28.64	28.33									

Source: e Form EIA-14, "Refiners Monthly Cost Report."

P-Preliminary.

1. Beginning in January 1983, residential heating oil prices do not include taxes.

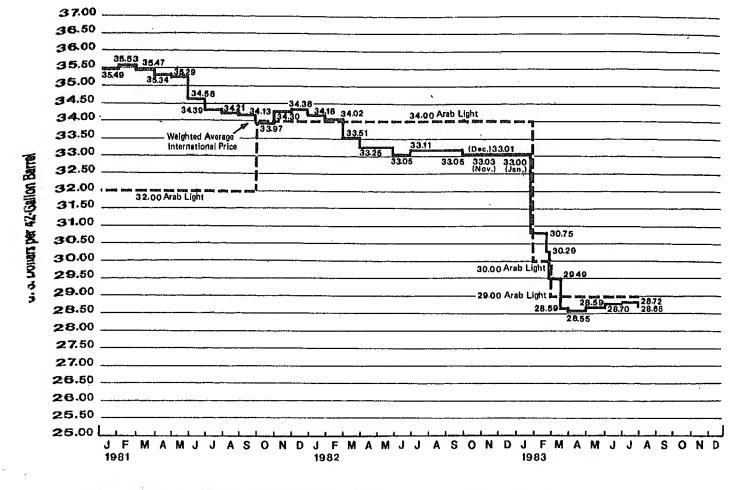
Note: Motor gasoline data include prices from self-service stations. Beginning with September 1981, the Bureau of Lebor Statistics has changed the weights used in the calculation of average motor gasoline prices. In the "all types" category gasohol is now included, and unleaded premium is weighted more heavily.

Source: • Motor Gasoline-Bureau of Lebor Statistics. See glossary for descriptions of survey.

• Residential Heating Oil-1981-1982: Form EIA-9A,"No. 2 Distillate Price Monitoring Report."

1983: Forms EIA-782A, "Monthly Petroleum Product Sales Report," and EIA-782B, "Monthly No. 2 Distillate Sales Report."

World Crude Oil Prices1. (Dollars per Barrel)



^{, 1} Internationally traded oil only. Average price (FOB) weighted by estimated export volume.

Note: Beginning with the May 1, 1981 issue of the Weekly Patroleum Status Report, the world crude oil price is based on a revised crude list.

Additions: Seudi Arabia's Arabian Heavy, Dubel's Fatsh, Egypt's Suez Blend, and Mexico's Maya. Omissions: Canadian Heavy. Replacements: Iraq's Kirkuk Blend for Iraq's Baseah Light.

The above graph shows an estimated world crude oil price based on this ravised list beginning January 1, 1981.

Historia de la companio de la compa

			In Effect 1 Jan 82	In Effect 1 Jan 81	in Effect 1 Jan 80	in Effect 31 Dec 78	Percent Change Current Price From		
Country	Type of Crude/ API Gravity	Current Price					In Effect 1 Jan 80	In Effect 31 Dec 78	
OPEC									
OFLO	0	00.00	34,00	32.00	26.00	12.70	11.5	128.3	
Saudi Arabia	Arabian Light 34 ⁰ (Bench mark orude)	29.00	34.00	32.30	20,00	12,10			
	a	29.52	35.40	33.52	27.52	13.23	7.3	123.1	
	Saudi Berri 390	26.00	31.00	31.00	25.00	12.02	4.0	116.3	
	Arabian Heavy 270	29.56	35.50	36.66	29.56	13.26	0	122.9	
Abu Dhabi	Murban 39 ⁰ Fatch 32 ⁰	28.86	33.86	35.93	27.93	12.64	3.3	128.3	
Dubai	Fatch 32	29.49	36.45	37.42	29.42	13.19	0.2	123.6	
Oatar	Dukhan 40 ⁰	28.00	34.20	37.00	29.42 230.00	13.45	-6.7	108.2	
iran	Iranian Light 34	29.83	34.93	37.50	29.29	13.17	1.8	126.5	
Iraq	Iranian Light 34° Kirkuk 36°	27.30	32.30	35.50	27.50	12.22	-0.7	123.4	
Kuwait	Keiswait Bilenki 3 L	26.03	31.03	25.20	27.20	12.03	-4.3	116.4	
Neutral Zone	Khatil 280	30.50	37.00	40.00	33.00	14.10	·7.6	116,3	
Algeria	Saharan 440	30.00	36.50	40.00	29.97	16.12	0.1	98.4	
Nigeria	Bonny Light 37° Es Sider 37°	30,15	36.50	40.78	34.50	13.68	-12.8	120.4	
Libya	Es Sider 37	29.53	35.00	35.00	27.50	13,55	7.4	117.9	
Indonesia	Minas 340	27.88	32,88	32.88	25.20	12.72	10.6	119.2	
Venezuela ·	Tia Juana 26°	29.00	34.00	35.00	28.00	12.59	3.6	130.3	
Gabon Ecuador	Mandji 30 ⁰ Oriente 30 ⁰	27.60	34.26	40.06	33.60	12.35	∙17.9	122.7	
Total OPEC ³	NA	28.72	34.13	34.82	28.30	13.03	1.6	120.4	
Non-OPEC			00.50	39,25	29.76	14,00	0	112.5	
United Kingdom	Forties 380	29.75	36,50	40.00	32.50	14,20	-6.9	113.0	
Norway		30.25	37.25	38,50	32.00	13,10	.9.4	121,4	
Mexico	Mexican Light 33	29.00	35.00	34,50	28.00	NA.	-14.3	NA	
**	Mexican Heavy 22	24.00	26.50	40.50	34.00	12.81	·16.9	120.6	
Egypt	Mexican Light 33 ^o Mexican Heavy 22 ^o Suez Blend 33 ^o	428.26	34.00	37.50	30.26	13.06	-4.2	122.1	
Oman	Omen 34	29.00	35.00	36,03	31.39	11.64	-20.4	114.8	
Syria	Suwadiyah 25°	25.00	30,00	41.30	33.60	14,30	11.2	108.7	
Malaysia	Suwadiyah 25° Miri 38°	29.85	36,50	40.35	33.40	14.15	-9.9	112.7	
Brunel U.S.S.R. ⁵	Seria 36°	30.10	36.10	39,25	33,20	13.20	-12.6	119.7	
U.S.S.R. ⁵	Export Blend 330	29.00	35.49	39,20				440.7	
Total Non-OPEC	NA	28.59	34,35	38.54	31.94	13.44	-10.5	112.7	
Total World ³	NA	28.68	34.18	35,49	28.84	13.08	-0,6	119.3	
United States ⁶	NA	27.80	34.15	36.69	29,36	13.38	-5.3	107.8	

NA=Not Applicable.

1 Official sales prices or estimated term contract prices; spot prices excluded.

2 37c higher at 60 days' credit.

3 Average prices (FOB) weighted by estimated export volume. See Appendix E for explanation of calculation,

4 On 60 days' credit.

5 Average delivered cost to Northwest Europe.

6 Average aprices (FOB) weighted by estimated import volume.

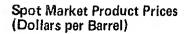
Source: a DOE, Office of International Affairs, August 2, 1883.

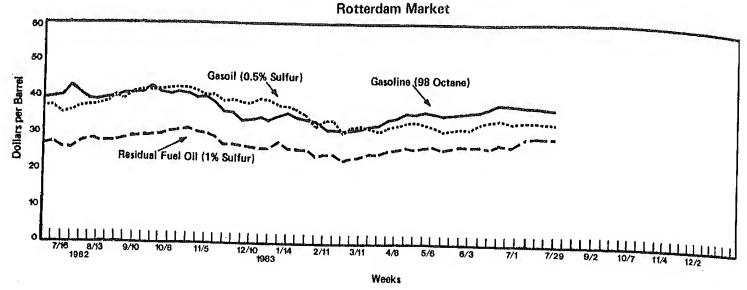
• Platt's Oligram Price Report.

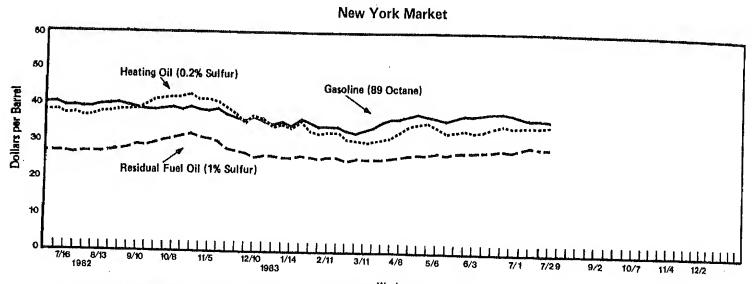
• Petroleum Intelligence Weekly.

• Oil Buyers' Guide.

• Europe Oil Prices.



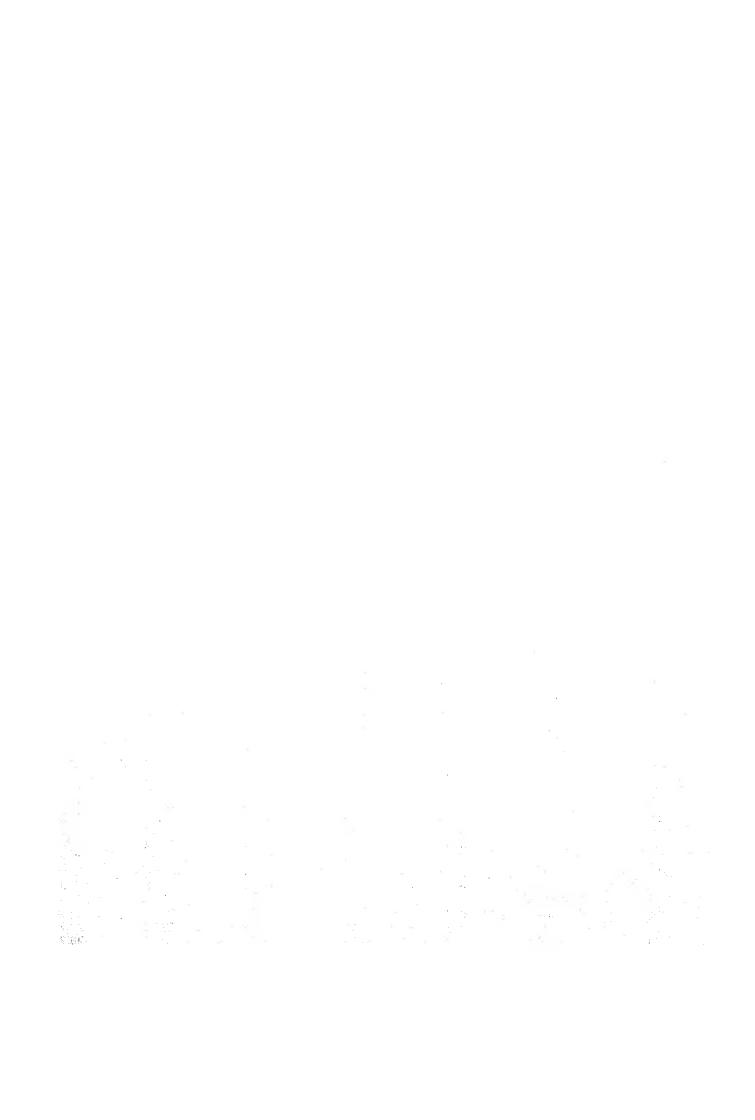




Source: • Oil Buyers' Guide, Weekly Oil Market Product Report. Not published weeks of July 4 and December 26.
• DOE, Office of International Affairs.

		Motor G	Basoline	Gasoil/H	eating Oil ¹	Residual	Fuel Oil ²
		Rotterdam (98 Octane)	N.Y. ³ (89 Octane)	Rotterdam (0.5% Sulfur)	N.Y. ⁴ (0.2% Sulfur)	Rotterdam (1% Sulfur)	N.Y. ³ (1% Sulfur)
1982 Jul	2	39.86	40.07	37.27	38.01	27.10	27.00
1002 001	9	39.86	40.07	37.27	38.01	27.10	27.00
	16	40.04	39.73	35.32	37.59	25.90	27.00
	23	39.57	39.84	36.13	37.38	25.53	26.80
	30	40.12	39.59	36.98	36.96	27.78	27.00
Aug	6	38.80	39.59	37.33	37.06	28.00	27.00
,,,,,	13	38.45	40.00	37.60	37.80	27.85	27.00
	20	39.15	40.00	38.70	37.80	27.85	27.25
	27	39.86	40.05	40.28	38.32	27,85	27.75
Sep	3	40.56	39,84	38.46	39.48	28.38	28.00
OOP	10	40.39	39.69	41.02	39.58	28.68	29.25
	17	41.03	39.38	41.22	39.90	28.75	28.75
	24	42.61	38.38	41.22	41.26	28.90	29.60
Oct	1	41.03	38.54	41.96	41.58	29.88	30.25
000	8	40.15	38.96	42.29	42.00	30.33	30.35
	15	41.03	38.74	42.96	42.42	30.48	31.00
	22	40.04	39.69	42.76	42.74	30.78	31,35
	29	39.39	38.96	41.42	41.37	30.26	30.75
Mau	. 5	39.80	38.45	39.88	41.37	29.95	30.50
Nov	12	38.22	38.56	40.28	40.32	28.75	30.00
		36.11		38.81	38.85		28.00
	19	36.28	37.02 36.33			26.88	
D	26			38.87	37.06 25.07	26.88	27.50
Dec	3	33.65	35.76	38.67	35.07	26.95	26.75
	10	33.88	36.50	38.20	36.96	26.80	25.75
	17	34.00	35.13	39.75	36.12	26.73	26.35
	24	33.70	34.92	39.28	34.86	26.73	26.35
1983 Jan	7	34.88	35.13	37.73	34.86	27.55	25.75
	14	35.46	34.82	37.47	34.44	26.73	25.75
	21	34.29	36.29	37.00	35.60	26.58	26.00
	28	33.88	35.03	34.45	33.08	25,98	25.50
Feb	4	33.70	34.57	32.37	32.55	23.87	25.00
	11	31.48	34.82	33.98	32.76	24.47	26.00
	18	31.48	34.82	33.98	32.76	24.47	26.00
	25	30.72	33.24	30.63	31.08	22.97	25.00
Mar	4	31.01	32.99	31.70	30.56	23.50	25.25
	11	31.65	33.41	31.70	30.45	24.17	25.25
	18	32.30	34.57	31.64	30.56	24.92	25.2 5
	25	32.53	35.57	30.90	30.76	24.70	25.25
Apr	1	33.82	36.77	31.70	31.71	25.23	25.75
	8	34.70	36.77	32.51	32.66	25.30	26.00
	15	36.69	37.09	33.58	34.65	25.90	26.50
	22	35.58	37.40	33.78	35.28	25.60	26.75
	29	36.75	37.19	· 33.51	35.49	25.98	26.75
May	6	36.28	36.88	32.51	34.54	25.98	27.00
	13	34.94	36.67	31.57	33.18	25.30	26.50
	20	35.35	36.98	31.97	33.28	25,75	27.00
	27	35.58	37.19	32.24	33.50	26.13	27. 2 5
Jun	3	35.76	37.19	32.10	33.28	25.98	27.50
	10	35.81	37.32	33.24	33.39	25.98	27.60
	17 -	36.87	37.84	33.38	34.12	25.83	28.05
	24	37.87	37.84	33.51	34.23	26.80	28.5Q
Jul	1	37.16	37.42	32.84	UTILL	20.00	20.00
241	8	Not available		32.04			
	15	36.81	36.62				
	22	36.28	36.62				
	29	36.05	36.52				

¹ Refers to No. 2 Heating Oll.
2 Refers to No. 6 Oll.
3 Est Coast Cargoes.
4 New York Harbor Reseller Barge Prices.
Source: e Oll Buyers' Guide, Weekly Oll Market Product Report. Not published weeks of July e DOE, Office of International Affairs.



Appendix A. EIA WEEKLY DATA: SURVEY DESIGN AND ESTIMATION METHODS

The Weekly Petroleum Reporting System (WPRS) comprises five surveys: the "Weekly Refinery Report" (EIA-800); the "Weekly Bulk Terminal Report" (EIA-801); the "Weekly Product Pipeline Report" (EIA-802); the "Weekly Crude Oil Stocks Report" (EIA-803); and the "Weekly imports Report" (EIA-804). The EIA weekly reporting system, as part of the Petroleum Supply Reporting System, was designed to collect data similar to those collected monthly. In the WPRS, selected petroleum companies report weekly data to EIA on crude oil and petroleum product stocks, refinery inputs and production, and crude oil and petroleum product Imports. On the Forms EIA-800 through EIA-803, companies report data on a custody basis. On the Form EIA-804, the importer of record reports each shipment entering the United States. Current weekly data and the most recent monthly data are used to estimate the published weekly totals.

Sample Frame

The sample of companies that report weekly in the WPRS was selected from the universe of companies that report monthly. All sampled companies report data only for facilities in the 50 States and District of Columbia. The EIA-800 sample frame includes all petroleum refineries in the United States and its territories, industrial facilities that have crude oil distillation capacity and produce some refined petroleum products, and bulk terminals that bland motor gasoline. The EIA-801 sample frame includes all bulk terminal facilities in the United States and its territories that have total bulk storage capacity of 50,000 barrels or more, or that receive petroleum products by tanker, barge, or pipeline. The EIA-802 sample frame includes all petroleum product pipeline companies in the United States and its territories that transport refined petroleum products, including interstate, intrastate and intracompany pipeline movements. Pipeline companies that only transport natural gas liquids are not included in the EIA-802 frame. Only those pipeline companies which transport products covered in the weekly survey are included. The EIA-803 sample frame consists of all companies which carry or store crude oil of 1,000 barrels or more. Included are gathering and trunk pipeline companies (including interstate, intrastate, and intracompany pipelines), crude oil producers, terminal operators, storers of crude oil, and companies transporting Alaskan crude oil by water. The EIA-804 sample frame includes all importers of record of crude oil and petroleum products into the United States.

Sampling

The sampling procedure used for the weekly system is the cut-off method. In the cut-off method, companies are ranked from largest to smallest on the basis of the quantities reported during some previous period. Companies are chosen for the sample beginning with the largest and adding companies until the total sample covers about 90 percent of the total for the previous time regard.

with the second	Refiners (Refineries)	Bulk Terminals	Pipelines	Crude Oll Stock Holders	Importers
Weekly Form	EIA-800	EIA-801	EIA-802	EIA-803	EIA-804
Monthly Frame Size	172(300)	276	78	168	1088
Weekly Sample Size	60(165)	88	46	82	62

Collection Methods

Data are collected by mail, mailgram, telephone, Telex, and Telefax on a weekly basis. All canvassed firms and terminal operating companies must file by 5:00 p.m. on the Monday following the close of the report period, 7 a.m. Friday. During the processing week, company corrections of the prior week's data are also entered.

Estimation and Imputation

After the company reports have been checked and entered into the weekly data base, ratio estimates of the weekly totals are calculated from the reported data. First, the current week's data for a given product reported by companies in that region are summed. (Call this weekly sum, W_s). Next, the most recent month's data for the product reported by those same companies are summed. (Call this monthly sum, M_s). Finally, let M_s be the sum of the most recent month's data for the product as reported by all companies. Then, the current week's ratio estimate for that product for all companies, W_t, is given by:

$$W_t = \frac{M_t}{M_s} \cdot W_s$$

This procedure is used directly to estimate total weekly inputs to refineries and production. To estimate stocks of finished products, the preceding procedure is followed separately for refineries, bulk terminals, and pipelines. Total estimates are formed by summing over establishment types.

Weekly Imports data are highly variable on a company-by-company basis or a week-by-week basis. Therefore, an exponentially smoothed ratio has been developed. The estimate of weekly imports is the sum of the smoothed ratio multiplied by the weekly values and estimates for shipments from Puerto Rico. Imports of other oils includes an adjustment from Census data for unlicensed products because of coverage differences between the monthly imports data and Census data.

Explicit imputation is done for companies which do not respectful means of recent reports from the specific company.

Respo

The response rate as of the day after the filing deadline is ab percent for the EIA-802; 80 percent for the EIA-803; and gre received the next day, bringing the final response rates up. La companies report on time. The nonresponse rate for the publis

Appendix B. INTERPRETATION AND DERIVATION OF AVERAGE INVENTORY LEVELS

The national inventory (stocks) graphs for total petroleum products, crude oil, motor gasoline, distillate fuel oil, and residual fuel oil in this publication include features to assist in comparing current inventory levels with past inventory levels and with judgments of critical levels. Methods used in developing the average inventory levels and minimum operating levels are described below.

Average Inventory Levels

The charts displaying Inventory levels of total petroleum products (p. 7), crude oil (p. 7), motor gasoline (p. 9) distillate fuel oil (p. 11), and residual fuel oil (p. 13) provide the reader with actual inventory data compared to an "average range" from the most recent 3-year period running from January through December or from July through June. The ranges are updated every six months in March and October. The 3-year period is adjusted by dropping the oldest 6 months and including the most recent 6 months. The ranges also reflect seasonal variation determined from a longer time period. The seasonal factors, which determine the shape of the upper and lower curves, are updated annually in October, using the most recent year's final monthly data.

The monthly seasonal factors are estimated by means of a seasonal adjustment technique developed at the Bureau of Census (Census X-11). The seasonal factors are assumed to be stable (i.e., unchanging from year to year) and additive (i.e., the series is deseasonalized by subtracting the seasonal factor for the appropriate month from the reported inventory levels). The intent of deseasonalization is to remove only annual variation from the data. Thus, deseasonalized series would contain the same trends, cyclical components, and irregularities as the original data. The seasonal factors for total petroleum (crude and products), crude oil, distillate fuel oil, and residual fuel oil were derived using monthly data from 1975-1981. For motor gasoline, the seasonal factors were based on monthly data from 1975-1976 and 1978-1981. In 1977, monthly stock levels of motor gasoline stayed at the same high level for the entire year. Since there was virtually no seasonal behavior in motor gasoline stocks that year, 1977 was not used in the determination of seasonal patterns for motor gasoline stocks.

After seasonal factors are derived, data from the most recent 3-year period (January-December or July-June) are deseasonalized. The average of the deseasonalized 36-month series determines the midpoint of the deseasonalized average band. The standard deviation of the deseasonalized 36-months is calculated adjusting for extreme data points. The upper curve of the "average range" is defined as the average plus the seasonal factors plus the standard deviation. The lower curve is defined as the average plus the seasonal factors minus the standard deviation. Thus, the width of the "average range" is twice the standard deviation. The values of the upper and lower curves are presented in the table below.

Values of Average Ranges in Inventory Graphs (Millions of Barrels)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Low	er Range					
Total Patroleum	1162.1	1109,8	1105,1	1115.9	1130.6	1142.6	1170,9	1186.2	1210.9	1217.2	1219,6	1176.1
Crude Oii	352.0	350.5	359.0	363.1	360,4	359.3	354.2	349.4	349.8	357.7	356,4	346.8
Motor Gasoline	254.2	260.6	256.5	245.5	236.3	231.4	229.5	228,0	229.5	221.6	227,1	237.5
Distillate Fuel Oil	147,5	117,9	106.2	107.5	116.3	131.0	153.5	173.6	192,0	198,5	199.0	177.1
Residual Fuel Oil	62.8	59.7	56.7	57.9	61.2	58.6	62,1	62.1	66.9	71.0	71.3	69.5
						Uppe	er Range					
Total Petroleum	1308.7	1266.4	1261.7	1272.6	1287.2	1299,2	1327.5	1342.8	1367.5	1373.8	1376.2	1332.7
Crude Oil	378.4	376.9	385.4	389.6	386.9	385.8	380,6	375.8	376.2	384.1	382.8	373.2
Motor Gasoline	279,6	285.9	281.8	270.9	261.7	256.7	254,9	253,4	254.9	246.9	252.4	262.9
Distillate Fuel Oil	203.9	174.3	162.6	163.8	172.6	187.4	209.9	230.0	248.3	254.8	255,3	233.4
Residual Fuel Oil	87.3	84,2	81.1	82.3	85.6	83,0	86.5	86.5	91.4	95.4	95.8	93.9

Minimum Operating Levels

The lines labeled "minimum operating inventory" for crude oil, motor gasoline, distillate fuel oil, and residual fuel oil were derived by the National Petroleum Council from a 1978 survey of petroleum refineries, bulk terminal operators, and petroleum pipelines. The Council also surveyed industry experts. The findings were published in "Petroleum Storage and Transportation Capacities" in December 1979. In that document, minimum operating inventory is described as follows:

Inventory below this level is not available for consumer use because it is required to fill pipelines, tank bottoms and refinery process equipment; facilitate blending to meet the product specifications; prepare for planned maintenance periods; handle unavoidable but anticipated emergencies; and sustain uninterrupted operations. Runouts and shortages would begin to occur if inventory were to fall below this level.

The values were: crude oil - 290 million parrels; motor gasoline - 210 million barrels; distillate fuel oil - 125 million barrels; and residual fuel oil - 60 million barrels.

Since the National Petroleum Council did not derive a minimum operating inventory level for total petroleum stocks, the line isbelled "observed minimum" is based on the lowest inventory level observed during the same 3-year base period that was used in the derivation of the average inventory levels. For crude oil, motor gasoline, distillate fuel oil, and residual fuel oil, the observed minimum and the minimum operating inventory are quite close. Hence, it is thought that the observed minimum is a reasonable proxy for the minimum operating inventory.

Appendix C. PROJECTION OF PRODUCT SUPPLIED FROM THE MAY 1983 SHORT-TERM ENERGY OUTLOOK

The projections of "high" and "low" total petroleum demand, shown in the WPSR as total product supplied, are from the Office of Energy Markets and End Use, Short-Term Energy Outlook {Outlook}, May 1983.

The three forecast cases presented in the Quttook are based on differing assumptions about the world price of crude oil. In the low price case, it is assumed that world oil prices collapse to an effective OPEC merker price of \$25 per barrel that results in an average cost of imported crude to U. S. refiners of \$25.43 per barrel from the fourth quarter of 1983 through the forecast period. In the base case, it is assumed the marker crude price decreases to a level in line with the recent OPEC agreement, which results in an average cost for imported crude to U. S. refiners of \$29.43 per barrel. In the high price case, it is assumed that imported crude oil prices rise at twice the U. S. rate of inflation.

The "high demand" case is formed by adding the low price forecast of total demand to the square root of the sum of the squares of the increases in demand that result from the following changes in key variables: (1) a 10-percent increase in heating degree-days over the base case, (2) a 14-percent increase in cooling degree-days over the base case, (3) an increase in income over the base case that reflects the average forecast errors for income over a 3-year period, (4) an 0.5 percent decrease in new-car efficiency from the base case in 1983, and (5) a preliminary data adjustment factor. The "low demand" case is formed by subtracting from the high price forecast the square root of the sum of the squared decreases in demand resulting from decreases from the base case assumptions for heating degree-days, cooling degree-days, and income; and a 0.7 percent increase from the base case new-car efficiency in 1983.

For detailed information on the assumptions used in the forecast methodologies, please refer to the published report, Short-Term Energy Outlook, May 1983.

Copies of the report are available from:

National Energy Information Center Room 1F-048, Forrestal Building 1000 Independence Avenue, S. W. Washington, DC 20585 Telephone 202-252-8800

Appendix D. CHANGE IN 1983 WEEKLY PETROLEUM STATUS REPORT SERIES

Some data series presented in the 1983 issues of the Weekly Petroleum Status Report (WPSR) are different from 1982 WPSR data series. The differences, which are discussed below, are the result of changes made in the 1983 weekly data collection forms of the Petroleum Supply Reporting System, a change in estimation methodology, and changes in the sample frame.

Changes from Data Forms

in 1983, weekly petroleum supply forms collect data for finished motor gasoline production, stocks, and imports. This change means that the components of 1983 WPSR motor gasoline product supplied estimates are definitionally the same as the components of the monthly product supplied estimates calculated from monthly data. In 1982, weekly forms combined imports of motor gasoline blending components with finished motor gasoline imports in a single category: total motor gasoline imports. In 1983 imports of motor gasoline include finished product only. In 1983, weekly forms include imports of motor gasoline blending components in other oils imports. In the 1983 WPSR publication, the monthly other oils series for 1981 and 1982 (see p. 15) includes imports of motor gasoline blending components. In 1982, imports of motor gasoline blending components averaged 39 thousand barrels a day and ranged between 19 and 50 thousand barrels per day.

Kerosene production and stocks reports are not collected on 1983 weekly forms. Consequently, in 1983, the weekly other oils stocks estimate (pgs. 3 and 6) includes kerosene. Other oils product supplied, which is calculated for the WPSR as the difference between total product supplied and the product supplied estimates of listed products, is larger in 1983 because it includes kerosene product supplied, which can no longer be calculated from weekly data (see p. 16). Kerosene stocks in 1982 ranged between 8.8 and 10.4 million barrels. The values of kerosene product supplied averaged 128 thousand barrels per day in 1982.

Change in Methodology

In 1983, reports of crude oil used as fuel on leases are treated as reports of crude oil product supplied, a new product supplied category. Before 1983, crude oil used in this fashion was reported as a use of distillate fuel oil or residual fuel oil and was included in the respective product supplied calculations. Weekly estimates for product supplied made in 1983 do not include estimates for these quantities and are compared in the U.S. Petroleum Baiance (p. 3) to recast 1982 data. The monthly series for 1981 and 1982 shown on p. 16 are the quantities originally calculated and published including crude oil used as fuel. In 1982, the quantities of crude oil used directly in the distillate fuel oil product supplied and residual fuel oil product supplied calculations averaged 10 thousand barrels per day and 48 thousand barrels per day, respectively.

Change in Stock Basis

The list of operators of bulk terminals, pipelines, and crude stock holders required to report each month about crude oil and petroleum product stocks was updated in a regular review of the petroleum supply reporting frame during 1982. (See the article in the Petroleum Supply Monthly, March 1983 for details.) This expension was first incorporated in monthly data published for January 1983. The new list of operators was also used to select new samples for EIA Forms 801 (bulk terminals), 802 (pipelines), and 803 (crude stock holders) of the weekly petroleum reporting system. The new weekly sample was used for estimation beginning with the week ending April 1, 1983. Estimates for the weeks between the end of January 1983 and April 1, 1983 were revised to reffect the contributions of the new frame members. The revisions were done by using information about the stocks held by the new and old reporters on December 31, 1982. The table below shows the new-basis stock levels for December 31, 1982 which can be compared with the old frame stock levels shown on the respective pages of the WPSR. The new-basis stocks of crude oil and petroleum products, including the Strategic Petroleum Reserve, are 2.2 percent greater than the old basis stocks.

New Basis Stock Levels for Crude Oil and Petroleum Products, December 31, 1982

	Percent Increase	U.S. Total	PAD 1	PAD 2 (Th	PAD 3 ousands of Barrel	PAD 4	PAD 5
Crude Oil	0.01	643,871	17,550	78,556	453.697	13,491	80,577
Total Motor Gasolina	3.8	244,279	69,397	67,135	68,016	8,559	31,172
Finished Gasoline	4.1	202,537	64,116	57,903	51,182	6,086	23,250
Etending Components	2.0	41,742	5,281	9,232	16,834	2,473	7,922
Manual - Fuel	26.9	7,189	1,384	1,310	2,367	349	1,779
¤uel	2,6	32,001	9,626	7,310	9,004	638	5,423
	3.9	185,579	84,681	48,221	34,921	4,051	13,705
	3.1	68,229	35,686	5,383	16,698	634	9,828
	0,0	105,277	13,656	17,784	46,209	2,686	24,942
	7.1	175,592	22.073	49.714	90.142	3.757	9,906
	2,21	1,462,017	254,053	275,413	721,054	34,165	177,332

trategic Petrojeum Reserve (293,827 thousand barrels on December 31, 1982).

Appendix E. CALCULATION OF WORLD OIL PRICES (page 19)

The weighted average international price of oil, shown in the "Highlights" and on page 19, is an average calculated using specific crude oil prices weighted by the estimated crude oil export volume for each oil-producing country. To develop the table shown on page i9, a list of major oil producing/exporting countries was chosen. For each country, the official selling price of one or more representative crude oils was determined by investigating a number of industry publications (i.e., "Oil Buyers' Gulde," "Platt's Oilgram Price Report," "Petroleum intelligence Weekly," and "Europe Oil Prices") and by contacting oil market analysts.

Then, the appropriate crude oil volumes to be used as weighting factors for each country were determined. These volumes are estimates based on a number of sources which provide data on production, consumption, and exports for these countries. Export volumes for a number of smaller producing/exporting countries, not listed in the table, are included in the weighting factors. After the export volumes had been determined, simple mathematical weighted averages were calculated to arrive at the "Total OPEC," "Total Non-OPEC," and "Total World" prices.

The average United States (FOB) import price is derived by the same basic procedure as the world oil price, that is, taking the representative official crude oil price of a specific crude oil from a particular country and weighting this price by a certain volume of crude oil. In this case, the weighting factors are the volumes of crude oil imported into the U.S. from pertinent countries. Import volumes from a number of smaller producing/exporting countries, not listed in the table, are included in the weighting factors.

Both the import and export volumes are preliminary. Due to their origin, these estimates cannot be fully verified. These volumes are updated monthly, or more frequently when changes in oil market conditions make updating appropriate.

Glossary

- e Barrels, 42-gallon barrels.
- Crude Oil. A mixture of hydrocarbon's that existed in liquid phase in underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Lease condensate and drips are included but topped crude oil (residual) and other unfinished olls are excluded.
- Crude Oli Inputs. The total crude oil put into processing units at refinerles.
- Distillate Fuel Oils. Includes No. 1, No. 2, and No. 4 fuel oils, and No. 1, No. 2, and No. 4 diesel fuels. These are light fuel oils used primarily for home heating as a diesel engine fuel (including reilroad engine fuel and fuel for agricultural machinery), and for electric power generation.
- Gross Inputs. The crude oil, unfinished oils, and natural gas plant liquids put into distillation units.
- Imports. Unless otherwise specified in this report, refers to gross imports. Imports of minor products ("other oils") include aviation gasoline, kerosene, unfinished oils, liquefled petroleum gases, plant consentate, petrochemical feedstocks, lube oils, waxes, special nephthas, coke, espheit, blending components, and other miscellaneous oils.
- Jet Fuel, Includes kerosene-type jet fuel and naphthatype jet fuel. Kerosene-type jet fuel is a kerosene quality product used primerily for commercial turbo-Jet and turboprop aircraft angines. Naphtha-type jet fuel is a fuel in the heavy naphthas range used primerily for military turbojet and turboprop aircraft engines.
- Motor Gasoline, Finished leaded gasoline, finished unleaded gasoline, and blanding components in the gasoline range. Production and imports data rapresent finished leaded gasoline and finished unleaded gasoline. Stocks data consist of the two types of finished gasoline and blending components. Stock change used in the calculation of motor gasoline product supplied is the change in finished motor gasoline stocks. Imports of motor gasoline blending components are contained in other oils imports.
- Operable Capacity. The amount of crude oil distiliation capacity that, at the beginning of the month, is in operation; or is not in operation and not under active repair but capable of being placed in operation within 30 days; or is not in operation but under active recair that can be completed in 90 days.
- Product Supplied. A value calculated for specific products which is equal to domestic production plus net Imports (Imports less exports), less the net increase in primary stocks. Total products supplied is calcu-lated as inputs to refineries, plus estimated refinery gains, plus other hydrocarbon input, plus product imports, less product exports, less the net increase in product stocks. Values shown for "Other Olls" product supplied are the difference between total product supplied and product supplied values for specified products. Other oils product supplied incorporates crude oil product supplied and reclassified product adjustment.
- Refiner Acquisition Cost of Crude Oil. The average price paid by refiners for crude oil booked into their refineries in accordance with accounting procedures generally accepted and consistently and historically appiled by the refiners concerned. Domestic crude oil is that oil produced in the United States or from the outer continental shelf as defined in 43 USC Section 1131. Imported crude oil is any crude oil which is not domestic oil. The composite is the weighted average price of domestic and imported crude oil. Prices do not include price of un finished oils or SPR.

- Refinery Capacity Utilization. Ratio of the total amount of crude oil, unfinished oils, and natural gas plant liquids run through crude oil distillation units to the operable capacity of these units. In the period 1979-1982 the refinery capacity utilization for all U.S. refinerles ranged between 87 percent and 65 percent. The ratio for an individual refinery may fluctuate much more depending on the type of crude and other raw materials processed, the type of products produced, and the operating conditions of the refinery.
- Residual Fuel Olls. Includes No. 5 and No. 6 fuel oils which are heavy oils used primarily for electric power generation, for industrial and commercial space heating, as a ship fuel, and for various industrial
- Retail Motor Gasoline Prices. Motor gasoline prices calculated each month by the Bureau of Lebor Statistics (BLS) in conjunction with the construction of the Consumer Price Index (CPI). These prices are collected in 85 urban areas selected to represent all urben consumers-about 80 percent of the total U.S. population. The service stations are selected initially, and on a replacement basis, in such a way that they represent the purchasing habits of the CPI population. Service stations in the current sample include those providing all types of service (i.e., full-, minl-, and self-service).
- Stocks. For individual products in WPSR, quantities held at refineries, in pipelines, and at bulk terminals with a capacity over 50 thousand barrels. Stocks held by product retailers and resellers, as well as tertlary stocks held at the point of consumption, are excluded. Stocks of individual products held at gas processing plants are excluded from individual product estimates but included in "Other Olis" estimates and "Total."
- Stock Change (Refined Products). Component of Product Supplied calculation shown on U. S. Petro-laum Balance. The product stock change shown on the U.S. Petroleum Balance Sheet for the current 4-week pariod is calculated in the following way: an average daily stock change is calculated for major refined products (i.e., all actual reported stocks); this stock change is added to an estimate for minor product stock change based on historical monthly data; a daily average stock change for refined product stocks for the 4-week period is then calculated. To calculate minor product stock change, the stock levels shown for other oils in the stock section of the balance sheet are used. These other oils stock levels are derived by: 1) computing an average daily rate of stock change for each month based on monthly data for the past six years; 2) using this daily rate and the minor stock level from the most recent monthly publication to estimate the minor product stock level for the current period.
- Unaccounted-for Crude Oil. Term which appears in U.S. Petroleum Balance Sheet. It reconciles the difference between data (or estimates) about supply and data (or estimates) about use. Its value can be positive or negative since it is a balancing term. As it appears in the monthly publications, it reflects the accuracy of the reported date on crude oil imports, production, stocks, refinery input, losses, exports, and transfers (crude oil burned directly as fuel oil). It reflects the quality of the estimates as well as the accuracy of the reported data. Because the unaccounted for crude oil figure reflects the accuracy of reported and estimated figures, one would expect the figure to be larger in balances using preliminary or estimated data and smaller in balances using the final data. In fact, the published figures confirm this expectation. In the WPSR, four-week averages for the previous year are interpolated from final monthly data, so that the unaccounted for crude oil value for the previous years is considerably smaller than that for the current period.
- United States. For the purpose of this report, the 50 states and the District of Columbia. Data for the Virgin Islands, Puerto Rico, and other U.S. territories are not included in the U.S. totals.

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